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LAKE FOREST COLLEGE BULLETIN
Volume 6 MARCH 1928 Number 3

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Lake Forest College

Catalogue
1927-1928

Including announcements for 1928-1929

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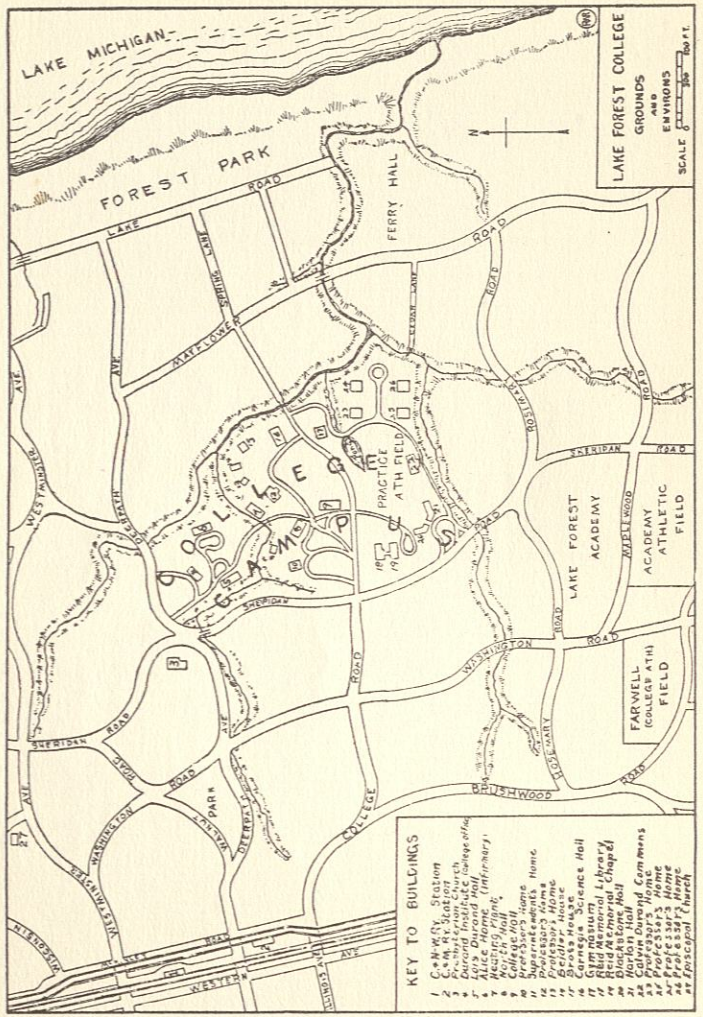
Lake Forest College

Opened in 1876



Lake Forest College Bulletin

Volume 6 MARCH 1928 Number 3

FIFTY-SECOND

ANNUAL CATALOGUE

of

LAKE FOREST COLLEGE

For the Year

1927-1928

Lake Forest, Illinois

All correspondence relating to the College should be addressed to the

PRESIDENT'S OFFICE
LAKE FOREST COLLEGE
Lake Forest, Illinois

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College Calendar

College Year 1927-28

	1927		
September	19	Monday,	*Registration Days.* *See page 45*
September	20	Tuesday,	
September	21	Wednesday (8 a.m.),	*First semester begins.*
September	21	Wednesday,	*First chapel exercises.*
September	25	Sunday,	Convocation Sermon.
November	23	Wednesday (4:15 p.m.),	Thanksgiving holiday begins.
November	28	Monday (8 a.m.),	Thanksgiving holiday ends.
December	17	Saturday (12 m.),	*Christmas recess begins.*
	1928		
January	3	Tuesday (8 a.m.),	*Christmas recess ends.*
January	27	Friday,	Semester examinations.
February	4	Saturday,	
February	7	Tuesday,	Registration day.
February	8	Wednesday,	*Second semester begins.*
February	22	Wednesday,	Washington's birthday.
March	31	Saturday (12 m.),	*Spring recess begins.*
April	10	Tuesday (8 a.m.),	*Spring recess ends.*
May	30	Wednesday,	*Memorial Day.*
June	1	Friday,	Semester examinations.
June	9	Saturday,	
June	12	Tuesday,	*Commencement.*

Summer Vacation of Fourteen Weeks

September	17	Monday,	*Registration days.*
September	18	Tuesday,	

College Calendar

College Year 1928-29

	1928		
September	17	Monday,	*Registration Days.*
September	18	Tuesday,	*See page 45*
September	19	Wednesday (8 a.m.),	*First semester begins.*
September	19	Wednesday,	*First chapel exercises.*
September	23	Sunday,	Convocation Sermon.
November	28	Wednesday (4:15 p.m.),	Thanksgiving holiday begins.
December	3	Monday (8 a.m.),	Thanksgiving holiday ends.
December	22	Saturday (12 m.),	*Christmas recess begins.*
	1929		
January	8	Tuesday (8 a.m.),	*Christmas recess ends.*
January	25	Friday,	Semester examinations.
February	2	Saturday,	
February	5	Tuesday,	Registration day.
February	6	Wednesday,	*Second semester begins.*
February	22	Friday,	Washington's birthday.
March	30	Saturday (12 m.),	*Spring recess begins.*
April	9	Tuesday (8 a.m.),	*Spring recess ends.*
May	30	Thursday,	*Memorial Day.*
May	31	Friday,	Semester examinations.
June	8	Saturday,	
June	11	Tuesday,	*Commencement.*

Summer Vacation of Fourteen Weeks

September	16	Monday,	*Registration days.*
September	17	Tuesday,	

ORGANIZATION *and* HISTORY *of* LAKE FOREST UNIVERSITY

In 1855 a number of prominent citizens of Chicago and vicinity conceived the idea of creating a new residence suburb and establishing in it an educational institution that should be near the city, and yet always retain the great advantages of a quiet situation in the country. Accordingly on February 28, 1856, they formed an unincorporated land and college company under the title of "The Lake Forest Association." A site was selected along the high wooded shore of Lake Michigan twenty-eight miles north of Chicago. Here the Association purchased about 1,300 acres of land. A charter for an educational institution, under the name of Lind University, was obtained on February 13, 1857. By act of February 16, 1865, the name was changed to Lake Forest University, which has since remained the legal title of the corporation. The plat of the town of Lake Forest was recorded July 23, 1857, every alternate lot being assigned to the University for its endowment, and sixty-two acres being set aside as a campus.

The first step taken under the charter of the University was the establishment, in the fall of 1858, of Lake Forest Academy, a preparatory school for boys. College work was begun in 1861, but discontinued after a year on account of the Civil War, which called half of the first freshman class into the field. There followed in 1869, the establishment of a school for girls, Ferry Hall, named in honor of the Rev. William M. Ferry of Grand Haven, Michigan, who left a legacy for the founding of such a school.

The third step in the development of the institution was the opening, on September 7, 1876, of Lake Forest College. The first class graduated from the College, in June, 1879, entered as seniors in 1878. The first class to enter Lake

Forest College and complete the four years' course was graduated in June, 1880.

The Charter of Lake Forest University conveys the broadest powers for the establishment and maintenance of every grade and kind of institution for higher and professional education. A medical department was organized in Chicago as early as 1859, but discontinued in 1864. Some years later alliances were made with certain prominent professional schools in Chicago: in 1887 with Rush Medical College and the Northwestern College of Dental Surgery, in 1888 with the Chicago College of Law, and in 1889 with the Chicago College of Dental Surgery. These relations were subsequently severed; and in 1902 the Trustees of Lake Forest University unanimously decided to abandon all efforts to maintain professional departments, and to confine themselves to the development of Lake Forest College, Lake Forest Academy, and Ferry Hall.

In June, 1925, the Trustees of Lake Forest University arranged for the sale of the two preparatory schools, Ferry Hall and Lake Forest Academy. These schools are now maintained in Lake Forest under private corporations with separate Boards of Trustees. The Trustees of Lake Forest University are directing the development of Lake Forest College.

The founders of Lake Forest were Presbyterians; but while the College has always been in close sympathy with the historic church under whose auspices it was born, the Charter not only specifically forbids all denominational restrictions in the case of students, but prescribes no denominational tests either for Trustees, President, or Faculty. Lake Forest, however, is frankly and unequivocally Christian; founded by men who had profound faith in God, it continues to stand for the essential verities of our common Christian faith, and the effort is constantly made to maintain in the College a thoroughly Christian atmosphere.

BOARD OF TRUSTEES

HERBERT MCCOMB MOORE, *Ex-Officio*
President Lake Forest University

TERM EXPIRES IN 1928

Charles Brearley Moore ..... Evanston
A. J. Hennings ..... Chicago
Marion W. Woolsey ..... Chicago
Rev. Raymond Huston ..... Evanston
Lawrence W. Scudder ..... Lake Forest

TERM EXPIRES IN 1930

Clayton Mark ..... Lake Forest
Louis F. Swift ..... Lake Forest
Rev. Andrew C. Zenos, D.D. ..... Chicago
Ernest Palmer ..... Evanston

TERM EXPIRES IN 1932

Alfred T. Carton ..... Lake Forest
Clarence W. Diver ..... Waukegan

TERM EXPIRES IN 1934

Rev. Frank Fitt ..... Highland Park
Henry J. Hanson ..... Chicago
Judge Harry Olson ..... Chicago
Frank W. Read ..... Lake Forest
Judge John F. Haas ..... Chicago

ALUMNI TRUSTEE

Stewart D. Marquis ..... Chicago

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Ernest Palmer, *Vice-President*
Lawrence W. Scudder, *Secretary* — Marion W. Woolsey, *Treasurer*
Charles E. Latimer, *Assistant Treasurer* — Frank W. Read, *Assistant Treasurer*
Fred W. Richman, *Comptroller*

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Alfred T. Carton
John F. Haas
Clayton Mark
Herbert M. Moore
Louis F. Swift
Marion W. Woolsey

FINANCE COMMITTEE

Clayton Mark
Ernest Palmer
A. J. Hennings
Frank W. Read
Marion W. Woolsey

CURRICULUM COMMITTEE

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Raymond Huston
Lawrence W. Scudder
Charles B. Moore
Harry Olson
Stewart D. Marquis

BUILDING AND GROUNDS COMMITTEE

Marion W. Woolsey, *Chairman*

Alfred T. Carton
Henry J. Hanson
A. J. Hennings
Louis F. Swift
Charles B. Moore

PEARSON LOAN FUND

Stewart D. Marquis, *Chairman*

John F. Haas
Frank W. Read

ADMINISTRATIVE OFFICERS

Office of the College
Henry C. Durand Institute

HERBERT MCCOMB MOORE, D.D.
President of Lake Forest College

CHARLES E. LATIMER
Assistant Treasurer

F. W. RICHMAN
Comptroller

JOHN H. SHERMAN, M. A.
Dean of the College

RONALD B. WILLIAMS, M. A.
Assistant to the Dean

AGNES R. KOUPAL, M. A.
Dean of Women

GEORGE ARTHUR WOOD, PH.D.
Secretary of the Faculty

FLETCHER B. COFFIN, PH.D.
Registrar

MABEL POWELL
Librarian

JOHN HENRY HUHNKE
Superintendent of Buildings and Grounds

MORTIMER E. CARLSON
Assistant to the President

ELLA H. SCHAFFER
Secretary to the President

MARIE J. MELOY
Assistant Secretary to the President

FLORENCE M. OLSON
Bookkeeper

HAZEL COLLIN
Stenographer

JOSEPHINE MCGREW
Stenographer

THE FACULTY

HERBERT MCCOMB MOORE, D.D.
President and William Bross Professor of Biblical Literature
A.B. Lake Forest; D.D. Pittsburg.

WALTER RAY BRIDGMAN, M.A.
Professor of the Greek Language and Literature
B.A. Yale; M.A. Miami University and Yale.

FREDERICK C. L. VAN STEENDEREN, Ph.D.
Professor of Modern Languages
Staatsexamen, Utrecht; M.A. Penn College; Ph.D. Iowa.

FLETCHER BARKER COFFIN, LL.B., Ph.D.
Professor of Chemistry
A.B. Harvard; A.M. *ibid.*; LL.B. *ibid.*; Ph.D. *ibid.*

* DANIEL FORD, M.A.
Professor of the English Language and Literature
B.L. Dartmouth; M.A. Harvard.

GEORGE A. WOOD, Ph.D.
Professor of History
B.A. Amherst; M.A. Columbia; Ph.D. *ibid.*

BRUCE LINEBURG, Ph.D.
Professor of Biology
B.A. Ohio; M.A. Johns Hopkins; Ph.D. *ibid.*

ROSCOE E. HARRIS, Ph.D.
Professor of Physics
B.S. Missouri Teachers' College; M.S. Chicago; Ph.D. *ibid.*

JOHN H. SHERMAN, M.A.
Dean of the College and D. K. Pearson Professor of Economics.
A.B. Cornell; A.M. Wisconsin.

HAROLD B. CURTIS, Ph.D.
Professor of Mathematics
A.B. Cornell; Ph.D. *ibid.*

* Absent on leave, 1927-28.

GARRETT H. LEVERTON, M.A.
Professor of Speech
B.A. De Pauw; M.A. Northwestern University.

DAVID M. MAYNARD, M.A.
Professor of Political Science
B.A. Princeton; M.A. Columbia.

GEORGE N. SLEIGHT, Ph.D.
Professor of Education
A.B. Williams; B.Pd. New York State Teachers College; Ph.D. Chicago.

STERLING P. WILLIAMS, Ph.D.
Professor of Philosophy and Psychology
B.S. Polytechnic College; M.A. Texas; Ph.D. Chicago.

RONALD B. WILLIAMS, M.A.
Assistant to the Dean and Assistant Professor of Romance Languages
B.A. Iowa; M.A. *ibid.*

ERNEST A. JOHNSON, M.A.
Assistant Professor of Economics and Business Administration
A.B. Colorado College; M.A. University of Denver.

CARLTON CUMMINGS, B.A.
Assistant Professor of Music
B.A. Nebraska Wesleyan.

ELIZABETH HOPE GORDON, M.A.
Assistant Professor of English
B.A. Nebraska; M.A. *ibid.*

KARL A. ROTH, B.D., M.A.
Assistant Professor of Religion and Biblical Literature
B.A. Elmhurst; B.D. Oberlin; M.A. Northwestern University.

AGNES R. KOUPAL, M.A.
Dean of Women and Assistant Professor of Home Economics
B.A. University of Illinois; M.A. Columbia.

ROSCOE F. SCHAUPP, B.A.
Instructor in English
B.A. Nebraska.

WILLIAM J. WAINES, M.A.
Instructor in Economics and Business Administration
B.A. Manitoba; M.A. *ibid.*

MABLE POWELL
Librarian
Library Certificate, Wisconsin.

FLOYD L. BROWN, B.A.
Director of Athletics for Men
B.A. Miami.

MARY PENFIELD
Director of Physical Education for Women and Instructor in English
B.A. Northwestern University.

IRA D. MAC INTOSH, B.S.
Assistant Director of Athletics for Men and Instructor in Mathematics
B.S. Rhode Island State College.

MARTHA ELIZABETH BRADLEY, B.M.
Instructor in Piano
B.M. University of Illinois.

HERMAN FELBER, JR.
Director of Orchestra and Instructor in Violin.

OTTO E. GRAHAM
Director of Band.

COMMITTEES OF THE FACULTY

1927-1928

Athletics: Mr. Lineburg, Chairman; Mr. Brown, Mr. Carlson, Miss Penfield.

Calendar and Schedule: Mr. Coffin.

Class Advisers: Seniors, Mr. Coffin; Juniors, Mr. van Steenderen; Miss Gordon; Sophomores, Mr. Curtis, Mr. Johnson; Freshmen, Mr. Harris, Chairman; Miss Koupal, Mr. R. B. Williams.

Curriculum: Mr. Sherman, Chairman; Mr. van Steenderen, Mr. Coffin, Mr. Lineburg, Mr. Sleight.

Library: Mr. van Steenderen, Chairman; Mr. Wood, Mr. Bridgman, Mr. Maynard, Miss Powell.

Social Activities: Miss Koupal, Chairman; Mr. Brown, Miss Penfield.

Student Activities: Garrick Club and Debating, Mr. Leverton; Stentor, Miss Gordon; Forester, Mr. Johnson; Glee Clubs, Mr. Cummings.

GENERAL INFORMATION

LOCATION

FEW suburbs in any American city equal Lake Forest in beauty and healthfulness. Situated on the shore of Lake Michigan, twenty-eight miles north of Chicago, it occupies the highest elevation of land between that city and Milwaukee, rising to a height of eighty feet above the lake. Deep, winding ravines, running inland half a mile or more, are a picturesque feature of the landscape.

Lake Forest has the appearance of a natural park. Instead of the straight streets and the regular blocks of the conventional town, there are broad country roads winding through the forest past attractive suburban residences with extensive and well-kept grounds. The name of the town is, therefore, exactly descriptive of its situation and its chief physical characteristic. The population is about five thousand. Express trains on the Milwaukee division of the Chicago and North Western Railway give easy access to Chicago in forty-five minutes; the Chicago, Milwaukee and North Shore Electric Railway maintains a frequent and convenient service between Lake Forest and other points along the north shore.

Lake Forest has all the advantages of proximity to a great city without its distractions and temptations. The semi-rural surroundings and homelike atmosphere of the community secure the seclusion and quiet so valuable to the student during the years of under-graduate work, while the proximity to Chicago brings within reach the musical and artistic advantages and the manifold activities of the city.

GROUNDS AND BUILDINGS

The Campus consists of fifty acres of wooded land in the

best residential district of Lake Forest, near Lake Michigan, and is bounded on two sides by deep ravines. A third ravine divides the Campus into two parts:

(a) The South Campus, of forty acres. Here are situated College Hall, North Hall, Patterson Lodge, Academia, and the dormitories for men, Blackstone and Harlan Halls; Reid Memorial Library and Chapel; the Calvin Durand Commons for men; the Gymnasium; the Carnegie Science Hall; the President's House, and eleven residences for professors; and the central heating plant.

(b) The North Campus, of ten acres. Here are situated Lois Durand Hall, the dormitory for women; the Henry C. Durand Institute, and the Alice Home. Because of the quiet nature of the use to which these last two buildings are put, and the isolation of this portion of the college grounds, the North Campus is peculiarly fitted to be the centre of the women's life in the College.

ACADEMIA, for a number of years used as residential quarters for professors was set apart last year for the music department. This building houses the studios and living quarters of the Professor of Music and residential quarters for students and three practice rooms.

COLLEGE HALL, built in 1878, contains the recitation rooms and laboratories of the Departments of Psychology, History, Chemistry, and Biology.

NORTH HALL, built in 1880, and entirely remodeled in 1897, has been set apart as a freshman dormitory for men; all freshmen are required to live in this building the first year.

THE REID MEMORIAL CHAPEL was erected in 1899 by Mrs. Simon S. Reid and her family as a memorial to Mrs. Lily Reid Holt, '84, of Lake Forest, and is a fitting and attractive center for the religious life of the College. It is a Gothic building of Bedford stone, crowned by a graceful tower. In the rear of the choir is a stained glass window by Louis Tiffany.

THE LIBRARY, built at the same time as the Chapel, was given by Mrs. Reid in memory of Arthur Somerville Reid, a former student of the College. It has a stack room housing 38,500 volumes, an attractive reading room for periodicals, a large, well-lighted general reading room, and detached rooms for special collections. The library is connected with the Chapel by a cloister.

THE GYMNASIUM, built in 1890, is a solid brown-stone building with a modern equipment in apparatus, running track, hot and cold baths, and a swimming pool.

BLACKSTONE AND HARLAN HALLS, dormitories for men built in 1906-7, are the gift of Mrs. Timothy B. Blackstone, of Chicago, and named in memory of Mr. Blackstone, late President of the Chicago & Alton Railway, and in honor of Richard D. Harlan, former President of Lake Forest University. These two dormitories are exactly counterparts, built of brick in collegiate Gothic style, two stories in the main structure and three stories in the end towers, which are connected by a grill and gateway, forming an appropriate entrance to the Campus.

THE CALVIN DURAND COMMONS, erected in 1907-8, is the gift of the late Calvin Durand. The dining hall, large enough to accommodate two hundred men, and the adjoining lounging room, are finished in oak paneling. The furnishings, designed by the architect of the building, were the gift of Mr. D. Mark Cummings, of Lake Forest.

CARNEGIE SCIENCE HALL, the gift of Mr. Andrew Carnegie, of New York, also built in 1907-8, makes complete provision for work in physics, mechanical drawing, and mathematics. It is a three-story brick building, similar in general style to Blackstone and Harlan Halls.

PATTERSON LODGE, formerly used as the house for the President was redecorated and furnished in 1927 as residential

quarters for women. The house is named in honor of Robert Patterson, the first President of the College.

STEAM HEATING PLANT. The most recent addition to the campus equipment is the entirely new and complete building erected in 1917, the gift of generous friends of the College, with a full complement of powerful boilers of the latest pattern and newly laid conduits for steam, water, etc., to all the buildings of the University. With this is connected a new air-pressure water system, supplying pure water from deep wells.

The President and a number of the professors are now provided with houses on the South Campus. Two of the latter are memorial buildings: one was erected in 1889 by the late William Bross for the Professor of Biblical Literature; the other in 1891 by the late Jacob Beidler for the Professor of Physical Sciences. In 1917 four brick buildings were erected and in 1927 four additional houses were completed so that a majority of the faculty live on the Campus.

The three buildings on the North Campus were all given by Mr. and Mrs. Henry C. Durand.

LOIS DURAND HALL, a three-story brick building in Elizabethan style, is the women's dormitory. It was erected in 1898 by the late Henry C. Durand in memory of his mother, in whose honor it is named. It is furnished with every provision for the health, safety, and comfort of the students. It is presided over by the Dean of Women.

THE HENRY C. DURAND INSTITUTE, a brownstone building, was erected by Mr. Durand in 1891. It contains the offices of the President, Registrar, Comptroller and Dean; the recitation rooms of the Departments of Latin, Greek, Political Science, and Modern Languages; an Alumni Room, and a large Assembly Hall, with a well-equipped stage, which is used for lectures, concerts, dramatics, and social functions.

THE ALICE HOME, the gift of the late Mrs. Henry C. Durand, was erected in 1898 as a hospital for the special use of the college and the two allied secondary schools, and as a memorial to her sister, Alice Bursdel Burhans. It is an attractive building in the Old English style, well located, with a sunny exposure. It is equipped with every home comfort and with the best modern appliances for the care of the sick. Capable physicians and trained nurses are in constant attendance. The expense of students for the use of the hospital is very moderate.

FARWELL FIELD, the College athletic field, is located seven minutes' walk from the Campus, on a tract of seven acres, most of which was given for this purpose by the late Senator C. B. Farwell, one of the earliest friends and greatest benefactors of the College.

THE PRACTICE FIELD for ordinary athletic practice and informal games, and the women's Hockey Field are on the South Campus. The tennis courts for men adjoin the Gymnasium; those for women are on the North Campus, near Lois Durand Hall.

THE LIBRARY

The collection of books, now numbering 38,500 volumes, is located in the Arthur Somerville Reid Memorial Library. It is open throughout the day, and in the evening as well while the College is in session, and at stated hours during vacations. The students have free access to the shelves and library privileges in the drawing of books. The use of the Library is extended freely to all graduates, clergymen, and teachers in the vicinity, and to such others as comply with the necessary conditions. The Librarian is always ready to lend personal aid to inquirers.

A large Reading Room in the center contains about one hundred of the current popular and scientific periodicals. There is a small but excellent collection of books on art, formerly belonging to the Lake Forest Art Institute, kept in the

same building. The College students also have access to the excellent Lake Forest Public Library.

Special memorial funds for the purchase of books and periodicals have been given by Charles H. Quinlan and Eliza P. Matthews. The income of a fund established in memory of William H. McClure is used for the purchase and care of translations and editions of the Bible. Through the kindness of friends of the late Professor J. J. Halsey, his entire library, including a valuable collection of books on social sciences, has been presented to the College, and is known as the J. J. Halsey Memorial Library. In 1926 B. J. Cahn contributed five hundred dollars to be used for the purchase of books for the library.

The College especially solicits gifts of books, pamphlets, and literary and scientific papers by Lake Forest College men and women, which may form the nucleus of a Graduates' Alcove in the College Library.

LABORATORIES

The Biological Laboratory occupies the second floor of College Hall. The space is divided into a large elementary laboratory, an advanced laboratory, a research laboratory, a lecture room, a departmental library, a work room, and a store room. The equipment includes 36 compound and binocular microscopes, a thoroughly equipped Balopticon with 450 lantern slides, aquaria for fresh water animals, constant temperature tanks, paraffin bath, microtomes, and a well chosen teaching collection of animals.

The Chemical Laboratory occupies nine separate rooms in College Hall. It is fully equipped with apparatus for carrying on work in inorganic and organic chemistry, qualitive and quantitive analysis. The chemical library, consisting of some six hundred volumes, in a room adjoining the quantitive laboratory, contatins sets of the leading chemical journals, and an excellent assortment of general reference books in chemistry.

The Department of Physics occupies a building which was the gift of Andrew Carnegie. The building is very attractive, both outside and within, and is a tribute to the skill of the Emeritus Professor of Physics, Frederick W. Stevens, who was largely responsible for its design.

PHYSICAL TRAINING

Every encouragement is given to physical training, with due regard to the proper proportion of time to be given to the development of mind and body. There is a trained resident instructor for men in gymnastics and field athletics; similar training is provided for the women under the direction of a resident instructor. In addition to the regular work (see page 89) there is abundant opportunity for outdoor and indoor athletics. Football, baseball, basketball, tennis, hockey, track, and field athletics are regularly maintained under the management of the Athletic Association and the direction of the instructors.

RELIGIOUS CULTURE

It is the constant aim of the College to maintain a wholesome Christian atmosphere, as conducive to the development of the best manhood and womanhood, and of the highest and broadest scholarship. No attempt is made, however, to impress upon the student any sectarian views.

As an important part of the curriculum, the English Bible is taught in a broadly Christian way.

On every week day, except Saturday, at ten o'clock, a brief service is conducted in the College Chapel by the President or some member of the Faculty. Occasionally a speaker qualified to discuss some subject of present importance is invited to deliver an address at this daily assembly. All students are required to attend this daily service. The students are made most welcome in the general church life of the community.

STUDENT LIFE

Lake Forest College has no system of disciplinary rules. There are two broad requirements — good scholarship and good conduct. Students who are unwilling to co-operate in the development of proper ideals for college work and college life will be invited to withdraw whenever the general welfare demands it, even though there be no specific breach of conduct calling for their suspension.

The women resident in the dormitories have adopted self-government, administered by the Executive President and the Executive Committee, representing the four classes. With the co-operation of the Dean of Women, they establish and enforce proper house rules in matters pertaining to the discipline and social life of the women.

Kappa Alpha is an honorary society to which women students are elected on the basis of their college achievements in scholarship, student activities, and co-operative spirit. This society aims to arouse interest among the young women of the college in all lines of constructive educational work and to uphold the highest ideals of college loyalty and personal culture.

The Iron Key is an honor fraternity for junior and senior men, membership in which is determined by scholarship and participation in student activities.

STUDENT ORGANIZATIONS

THE STUDENT COUNCIL — The Student Council is an organization of the student body, consisting of five men and three women chosen from the upperclassmen. Its purpose is to regulate student conduct, foster activities, and maintain traditions.

DRAMATICS — An unusually active dramatic organization, The Garrick Players, offers excellent training in speech, acting, staging, and the producing of plays. The Garrick Players, through their program of twelve to fifteen plays presented every year, offer to the student interested in dramatics, whether it be acting or producing, an excellent opportunity to do interesting work. They offer exceptional advantages to the new students, for they are the only collegiate playing group that presents the freshmen in their own all-freshman cast plays at the beginning of the season. Also they are the only Players from a college going on tour every year during spring vacation with full length plays, carrying their own scenery and properties. The Garrick Players are closely connected with the Speech Department of the College, both of which are under the direction of Garrett H. Leverton. Speech 9-10, Stagecraft, is open to all freshmen, and through the Garrick Players interested students have excellent opportunities to do practical work. Among the notable successes that The Garrick Players produced last year are: "The Romantic Young Lady," "The Youngest," "Three Live Ghosts," "Sun-up," "Applesauce," "The Old Soak" and "Mr. Pim Passes By." In April the Players toured Illinois with three plays: "The Youngest," "The Family Upstairs," and "Patsy." This year they presented with great success: "Pals First," "Square Crooks," "Seventh Heaven," "Candida," "The Butter and Egg Man," and "Let's Pretend." In April the Players will go on tour with two plays: "Tommy" and "Laff That Off." Scheduled for production for the remainder of the season are: "The First Year," "Love at First Sight," and the Commencement Play, "Hell Bent for Heaven." The Players have an unusually well-equipped stage and several thousand dollars worth of scenic, laboratory, and electrical equipment.

All students of the college whether members of The Garrick Players or not are invited to try out for parts in the various casts or for places on the production staff. Membership in The Players is granted when the student has successfully completed

three requirements: (1) The year course in Stagecraft, (2) participation in the cast and producing staffs of four plays, and (3) for persons who act in the plays, a year's course in voice and diction.

Lake Forest students who are interested in dramatics are particularly fortunate in being located within forty-five minutes of Chicago's twenty-eight legitimate theaters. The opportunity of seeing the best plays in the theater is a decided asset to any student interested in the drama and the theater.

ATHLETICS — The Athletic Association, comprising all the students of the College, has charge of the regular team practice and of inter-scholastic and inter-collegiate contests in indoor and outdoor athletic sports.

MUSICAL ORGANIZATIONS — The musical organizations of Lake Forest College are the College Chorus, the Chapel Choir, the Band, and the Orchestra.

The Chorus is open to all students wishing to become familiar with the great choral works. The organization now has seventy members who have not only learned the choruses, but in many cases the leading roles have been sung by members of the chorus. In this way students who wish to enter the concert field, can be sure of public appearance under the most favorable conditions as soon as their work warrants such an appearance.

The Chapel Choir is made up of the best voices in the College. It has sixteen members and is a self-governing organization. The director may suggest new members, but the election is made by the members themselves.

The College is indebted to President and Mrs. Moore for the Band. Their gift of $1000 made possible the purchase of the first instruments. The Band appears at all games and is one of the greatest factors in the life of the College.

The members of the Orchestra are recruited from a number of High Schools where the music departments are outstanding. This is more than the usual college orchestra. It is rather a solo organization where each member has had exceptional training in his special line.

Y. W. C. A. — The Young Women's Christian Association, formed in 1895, holds its meetings in Lois Durand Hall, and serves as the usual medium for the charitable and altruistic work of the women.

SCOROMOR — The Scoromor is an organization, sponsored by the English Department, of about twenty members whose interest is largely in creative writing. The meetings, held about every two weeks, afford opportunity for enjoying original work and friendly criticism. The club was formed in 1924, its membership being confined to seniors, juniors, and sophomores. Election is on the basis of literary merits alone, candidates submitting for consideration by the Club a piece of original work.

PUBLICATIONS — The Stentor, a weekly college paper, founded in 1887, is managed by a board of editors elected by the students. The Forester, an illustrated volume, is published by a board representing the Junior Class.

LITERARY AND MUSICAL ADVANTAGES

In addition to the opportunities offered by the student organizations and the regular Chapel assembly, the students of Lake Forest College have unusual advantages in the way of hearing distinguished speakers and the best music. Leading representatives of business, professional, philanthropic, and literary occupations give addresses at the Reid Memorial Chapel from time to time, and the Bross Lectures bring to the College at intervals some of the leading scholars of the world.

DORMITORIES AND COMMONS

The dormitories are heated by steam, and are furnished by the College authorities with the following articles: bed,

spring, mattress and pillow, chest of drawers, study-table, and two chairs. Blackstone, Harlan, College, Lois Durand, and North Halls have modern electric lighting. Bed linen, towels, curtains, rugs, and any other conveniences and adornments not mentioned above, must be furnished by the occupants of the rooms. Each occupant of the women's dormitories should bring also six table napkins and a plainly marked napkin ring.

A deposit of twenty-five dollars (not refundable) is required with the application for a room in all dormitories. This amount is credited on the first semester bill. Students wishing to change their rooms are required to arrange the matter at the President's office.

Board is furnished for men at the Calvin Durand Commons. The men who occupy rooms on the Campus are required to board at the Commons, unless excused by the President.

The women take their meals in the dining room of Lois Durand Hall.

Students desiring to entertain guests must obtain permission; the women from the Dean of Women, the men from the Business Office of the College.

EXPENSES

Tuition	*per semester*	$ 87.50

Students taking more than the normal 18 hours of work per semester are required to pay $5.00 per hour per semester for each additional hour taken.

Matriculation Fee*	5.00
Athletic Fee*	10.00
Alumni Fee*	15.00
Library Fee*	6.00
Activities Fee*	12.00

*Payable upon entrance.

DEPARTMENTAL FEES

Laboratory Fee — Physics, Chemistry, Biology	*per semester*	10.00
Home Economics	*per semester*	10.00
Play Production Laboratory Fee	*per semester*	10.00
Harmony	*per semester*	18.00
Chorus	*per semester*	2.50
Voice (one lesson per week)	*per semester*	54.00

Violin, Piano and Organ Fees according to the amount of work taken.

BOARD AND ROOM

For Women

Board and Room in dormitories *per semester* from $225.00 to 287.50
Charge for laundry according to number of pieces.

For Men

Board at Durand Commons	*per semester*	126.00
Room	*per semester* $55.00 to	72.00

For special students taking six hours or less the tuition charge is one-half of the regular rate.
A fee of $3.00 will be charged for Special Examination.

COLLEGE BILLS

The regular college bills are due at the opening of each semester, and must be paid within two weeks, unless within that time a satisfactory arrangement is made with the Comptroller for later settlement. Students who fail to comply with this requirement incur an additional charge of five dollars. Pending settlement they will be excluded from classes, and absence thus incurred will be counted as unexcused.

REFUNDS

1. It is understood that rooms are engaged for the semester. No rebate of room rent will be made.
2. Refund for unused board will be made for students leaving for any cause, less fifty per cent for overhead expenses.

3. Refund for tuition will not be made, except in case of illness, when a proportionate charge will be made which is not to be less than one-half of the semester's tuition.

No degrees are conferred upon students who have not paid their dues to the College.

SCHOLARSHIP AND LOAN FUNDS

THE PEARSON LOAN FUND

In 1899 the late Dr. D. K. Pearsons of Chicago gave to the Trustees of Lake Forest University some property in Chicago valued at $100,000, from which half the income was to be used for the purpose of lending money to promising students needing assistance. These loans are subject to the following rules:

1. All applications for money must be endorsed by the President and by the Trustees Committee.
2. No loan will be made during the first semester of a student's attendance.
3. A note, bearing 3% interest until five years out of college, must be signed by the student, and endorsed by parent or guardian.
4. Interest on the amount due after maturity shall be at 6%.
5. Annual repayment must be made beginning with the year after leaving college. These annual repayments to be not less than 10% of the amount borrowed while in college.

SCHOLARSHIPS

The income from the funds specified below is distributed annually in the form of scholarships among students who need pecuniary aid, and who meet the requirements of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

Every holder of an ordinary scholarship is asked to repay, if possible, at some future time, the amount of the scholarship for the benefit of future students.

The following rules govern the assignment of scholarships:

1. Application must be made to the President on blank form provided for the purpose. In the case of new students these applications should be filed as early as possible accompanied by the testimonials indicated by the forms.
2. Students already holding scholarships must renew their applications for the succeeding year on or before June 1 of each year. Awards will be made in June.
3. The retention of a scholarship is conditional upon the maintenance of a satisfactory scholastic record.
4. In awarding scholarships preference is given to regular candidates for a degree, and to those who intend to finish their course in Lake Forest College.
5. Scholarships are granted only to those who purpose to complete their course of study at Lake Forest. If transfer to another institution is sought, a student who has received this aid is required to return promptly the amount granted.

The income applicable to scholarships is derived as follows:

I. From funds given to establish general scholarships as follows:

The Lemuel Brooks Scholarship, given by the Rev. Lemuel Brooks of Churchville, New York, 1883 ..... $5,000
The William Bross Scholarship, given by the Hon. William Bross of Chicago, 1883 1,500
The John Beidler Scholarship, given by Jacob Beidler of Chicago, 1882 500
The Lila Frances Ross Scholarship, given by Tuttle King of Chicago, 1882 500
The Juneau Church Scholarship, given by the Presbyterian Church of Juneau, Wis., 1883 125

The Depere Church Scholarship given by the Presbyterian Church of Depere, Wis., 1883 100
The Corwin Scholarship, given by the Rev. Eli Corwin, D.D., of Chicago, 1889 1,000
The Helen A. Ferry Scholarship, given by Helen A. Ferry of Lake Forest, 1880 (awarded preferably to a young woman) 1,000
The Reid Scholarship, given by Mrs. Simon S. Reid of Lake Forest, 1891 2,500
The E. A. Allen Scholarship, by bequest of E. A. Allen, Arlington Heights, Ill., 1891 1,500
The H. B. Stillman Scholarship, 1906, through the College Board of the Presbyterian Church 1,000
The Robert W. Roloson Scholarship, given by Mr. Robert W. Roloson of Chicago, 1909 2,000
The Rufus N. Sage Scholarship, by bequest of Mrs. Ellen Sage of Chicago, 1911 6,000
The Arthur Dana Wheeler Memorial Scholarship, given by Mrs. Wheeler, Miss Ellen Holt and Messrs. Charles S., George H. and William Arthur Holt, 1916 2,500
The John J. Halsey Scholarship, given by Donald R. McLennan of Lake Forest, 1924 1,000
The Lewis Stuart Scholarship, given by a Friend, 1924 1,000
The Samuel Insull Scholarship, for students of Libertyville, Waukegan, and Gurnee, 1926 1,000

$28,225

II. From funds given to establish scholarships in aid of students preparing for the Christian ministry as follows:

The Jacob Beidler Scholarship, given by Jacob Beidler of Chicago, 1889 ..... $5,000
The Lemuel Brooks Scholarship, 1880 1,500
The Mrs. Maria Brooks Scholarship, given by the Rev. L. Brooks of Churchill, N. Y., 1881 1,500
The Samuel M. Wood Scholarship, given by bequest of S. M. Wood of Omro, Wis., 1882 1,500
The Israel C. Holmes Scholarship, given by the Rev. Mead Holmes of Rockford, Ill., 1883 500
The John Converse Prize Scholarship, given by Mr. John H. Converse of Philadelphia, 1905 1,500
The Eliza O. Lind Scholarship, by bequest of Mrs. Sylvester Lind of Chicago, 1906 4,000

The income of the John H. Converse Scholarship Fund is awarded as a special prize scholarship to the student who has received the highest average grade among the men preparing for the Christian ministry.

III. From funds given in the name of the Lake Forest Presbyterian Church to found scholarships, the incumbents to be appointed by the Session of the Church, or by the Scholarship Committee in the absence of action by the Session.

The Sylvester Lind Memorial Scholarship $1,000
The Mary Whitney Chapin Memorial Scholarship 1,000
The Washington A. Nichols Memorial Scholarship 1,000

$3,000

Total Permanent Scholarship Funds, $46,725.00.

IV. One scholarship of $50 given annually by the General Education Board of the Presbyterian Church to a meritorious student who is a Presbyterian.

V. Three alumni scholarships, contributed by the Alumni Association, each amounting to at least forty dollars.

VI. The Trustees of the La Verne Noyes estate have given to Lake Forest College fifteen scholarships amounting to full tuition. These scholarships are governed by the following rules:

1. Applicant shall have served in the army or navy of the United States of America in the war into which our country entered on the 6th day of April, 1917, and have been honorably discharged from such service,

or

2. Should be descended by blood from someone who has served in the army or navy of the United States in said war who either is still in said service or whose said service in the army or navy was terminated by death or an honorable discharge.

VII. The Henry Strong Educational Fund has given to Lake Forest College, annually, a sum of four hundred dollars to be awarded to worthy students.

HONORS

SHIELD HONORS

The names of the four students in each graduating class who rank highest in general scholarship are inscribed upon an engraved shield, which is affixed to the walls of the library. This practice began with the class of 1910.

COMMENCEMENT HONORS

At each commencement Department Honors are awarded to members of the graduating class who have won high distinction in major work in one or more departments of study.

LAKE FOREST GRADUATE SCHOLARSHIPS AT THE UNIVERSITY OF ILLINOIS

The University of Illinois offers each year to the College a graduate scholarship of $350, with remittance of fees, for some member of the senior class to be nominated by the Faculty. The chief conditions of the award are good scholarship, a degree of special preparation for work in some department of study, and promise.

PRIZES

THE McPHERSON PRIZES

The sum of three thousand dollars was contributed in 1889 by friends of the Rev. Dr. Simon J. McPherson to found the following prizes to be named in his honor:

1. PRIZE IN GREEK

A prize of twenty-five dollars will be given annually for

general excellence in the work of the second year in college Greek — the study of the Greek Drama. The award of the prize will depend, in part, upon the result of an examination.

2. PRIZE IN ENGLISH

A prize of twenty-five dollars will be given annually. The conditions will vary from year to year in accordance with notice given in due time.

3. PRIZE IN PHILOSOPHY

The prize in Philosophy is similar to the prize in English.

4. PRIZES IN DECLAMATION

A prize exhibition in declamation and oratory is held on the last Friday in May. Representatives of the Freshman class compete in a program of declamation; members of the three other classes present original orations. A prize of twenty-five dollars is awarded in each competition.

THE BROSS FOUNDATION

In 1879 the late William Bross of Chicago, Lieutenant-Governor of Illinois in 1866-70, desiring to establish a memorial to his son, Nathaniel Bross who had died in 1856, entered into an agreement with the Trustees of Lake Forest University, whereby there was finally transferred to the said Trustees the sum of forty thousand dollars. The income of this fund was to accumulate in perpetuity for successive periods of ten years, at compound interest, the accumulation of one decade to be spent in the following decade, for the purpose of stimulating the production of the best books or treatises "on the connection, relation and mutual bearing of any practical science, the history of our race, or the facts in any department of knowledge, with and upon the Christian Religion."

In accordance with the terms of the deed of gift the Trustees of Lake Forest University established THE BROSS LI-

BRARY, to consist of books and treatises of the above-mentioned character, to be selected by the two following methods:

1. THE BROSS PRIZE

Once in every decade a prize is offered for the best book on any of the lines above indicated. The manuscripts are sent in anonymously, and the reward is made by a committee of distinguished scholars chosen for the purpose.

The first decennial prize amounting to six thousand dollars, was awarded in 1905 to a treatise on *The Problem of the Old Testament*, by the late Rev. James Orr, D.D., of the United Free Church College, Glasgow, Scotland. This treatise was published as Volume III of The Bross Library.

The second decennial prize of six thousand dollars was awarded in 1915 to the Rev. Thomas James Thorburn, D.D., LL.D., Hastings, England, for his book entitled *The Mythical Interpretation of the Gospels*, which has been published as Volume VII of The Bross Library.

The third decennial prize of six thousand dollars was awarded in 1925 to Professor Douglas Clyde Macintosh of Yale University for his book entitled, *The Reasonableness of Christianity*. This book has been published as Volume XIII of The Bross Library.

2. THE BROSS LECTURES

Besides providing for a large prize to be offered in each decade, the terms of the Bross deed of gift enable the Trustees to appoint distinguished men, from time to time, to deliver courses of lectures on one of the many lines suggested by the deed of gift as quoted above. Such lectures are afterward to be expanded into books to be published and distributed as volumes of The Bross Library.

The Rev. Francis L. Patton, D.D., LL.D., delivered the first course of lectures on the Bross Foundation in May, 1913, on the subject of *Obligatory Morality*.

The second course of lectures, delivered in May, 1904, by the late Rev. Marcus Dods, D.D., of New College, Edinburgh, Scotland, on *The Bible, Its Origin and Nature*, has been published as Volume II of The Bross Library.

The third course of lectures delivered in September and October, 1907, by J. Arthur Thompson, Regius Professor of Natural History in the University of Aberdeen, on *The Bible of Nature*, has been published as Volume IV of the Bross Library.

In December, 1908, Dr. Frederick J. Bliss, of Beirut, Syria, gave a course of seven lectures on *The Religions of Modern Syria and Palestine*. These lectures have been published as Volume V of The Bross Library.

The fifth course of lectures on the Bross Foundation, given by Professor Josiah Royce, of Harvard University, in November, 1911, on *The Sources of Religious Insight*, has been published as Volume VI of The Bross Library.

The sixth course of lectures was given in May, 1915, by the Rev. John Neville Figgis, D.D., Litt.D., of the House of the Resurrection, Mirfield, England, on *The Will of Freedom, or the Gospel of Nietzsche, and The Gospel of Christ*. These lectures have been published as Volume VIII of The Bross Library.

The seventh course of lectures was delivered in May, 1916, by Professor Henry Wilkes Wright, Ph.D., of Lake Forest College, on *Faith Justified by Progress*. These lectures have been published as Volume IX of The Bross Library.

The eighth course of lectures was given in April, 1921, at the Fourth Presbyterian Church in Chicago, and in Lake Forest, by the Rev. John P. Peters, Ph.D., on *Spade and Bible*. These lectures have been published as Volume X of The Bross Library.

The ninth course of lectures was given in Lake Forest in

connection with the inauguration of President Herbert McComb Moore, November third to November sixth, 1921. The general theme was the *Application of Christianity to Modern Problems*. The lectures given were as follows:

Present Conditions in the Near East in the Light of an Archaeologist's Thirty Years' Experience, by Sir William Mitchell Ramsay, LL.D., Litt.D., of Edinburgh, Scotland.

Religion and Social Discontent, by Professor Paul Elmer More, Litt.D., LL.D., Princeton University.

From Generation to Generation, by Mr. John Finley, LL.D., Editorial Department of The New York Times.

The Teachings of Jesus as Factors in International Politics, by Professor Jeremiah W. Jenks, Ph.D., LL.D., New York University.

Jesus' Social Plan, by Professor Charles Foster Kent, Ph.D. Litt.D., Yale University.

Personal Religion and Public Morals, Principal Robert Bruce Taylor, D.D., LL.D., Queen's University, Kingston, Ontario. These lectures have been published as Volume XI of The Bross Library.

A series of lectures was given in the spring of 1923 by the late M. Bross Thomas, D.D., formerly Professor of Biblical Literature at Lake Forest College. His subject was *The Biblical Idea of God*. These lectures have been published as Volume XII of The Bross Library.

It was the express desire of the donor of the Bross Fund that the *Evidences of Christianity* of his "very dear friend and teacher, Mark Hopkins, D.D.," be purchased and "ever numbered and known as No. 1 of the series" of books published under this Foundation. The Trustees have accordingly published a Bross Presentation Edition of this famous book, as Volume I of The Bross Library.

Complimentary copies of the volumes of The Bross Library are supplied by the Trustees, in accordance with the provisions of the deed of gift, to a large number of libraries throughout the United States and in other countries.

THE ALUMNI

THE GENERAL ASSOCIATION

The General Association is a strong, loyal, and active organization. It is steadily and increasingly making its influence felt in shaping the policies and advancing the interests of the College.

The annual meeting and banquet are held at commencement time at Lake Forest. During the year its activities are carried on by its officers with the aid of the Advisory Council which consists of twenty representative alumni. Weekly luncheons are held at the University Club in Chicago.

Active alumni clubs have been formed in a large number of cities including Minneapolis; Ottumwa, Iowa; Portland, Oregon; Los Angeles; and New York; all of which regard the General Association as the central organization.

LAKE FOREST ALUMNI FUND ASSOCIATION

As an outgrowth of the increased interest and responsibility of the alumni in the affairs of the College, and the institution in general, and the work in connection with the raising of the Alumni Loyalty Fund during the year 1920-21, the Lake Forest Alumni Fund Association has been organized and incorporated under the laws of Illinois. The objects of the association, as stated in its charter, are to foster and promote education, and to gather and disburse moneys in the interest of Lake Forest College, but without profit to its members. The organization of the Association makes it possible to concentrate better the efforts of the active alumni in meeting some of the

problems of the institution, and to make more effective their many individual contributions.

The Alumni Secretary of the General Association is employed by the Fund Association in its work.

All alumni who contribute to the Fund are members of the Association, and the present large membership is rapidly increasing through the efforts of the organization.

The General Alumni Association has always assumed the immediate expense of keeping former students in touch with the College by bulletins, letters and the like. The object of the Alumni Fund Association Fee (see page 30) is to cover such expenditures.

ADMINISTRATION *of* THE CURRICULUM

ADMISSION

STUDENTS coming from high schools and academies accredited by the North Central Association of Colleges and Secondary Schools, are admitted to Lake Forest College without examination, on certificate of scholarship and good character, insofar as they meet the entrance requirements specified below. The same privilege is generally extended to the graduates of schools on the accredited lists of other institutions having similar entrance requirements. Students from other colleges must present official certificates of honorable dismissal. Students from accredited schools may be examined in any or all entrance requirements.

All applicants for admission to the College, either to the freshman class or to advanced standing, will be furnished with blank forms of application. These forms should be filled out by the proper persons, as indicated on the forms, and returned promptly. Entering students should reach Lake Forest not later than the morning before College opens; they should report to the Entrance Committee in the rotunda of the Durand Institute. (See pages 7-8, "Registration Days.") All inquiries as to requirements for entrance should be addressed to the Chairman of the Entrance Committee, Lake Forest College, Lake Forest, Illinois.

ENTRANCE REQUIREMENTS

The admission requirements are based upon four years of secondary work, with four daily recitations. A daily recitation throughout the year is used as a convenient unit of measure;

hence in the four years of secondary school work there are ordinarily sixteen units.

For admission without condition fifteen units are required, nine of which are specified and six elective, as indicated in the following list:

I. Specified Units

*One Foreign Language	2
English	3
History	1
*Mathematics (Algebra and Geometry)	2
Laboratory Science	1
Total	9

II. Major Electives

A total of two units in subjects listed under I above, making eleven units in all from that group.

III. Minor Electives

Any four units accepted for graduation in a four-year accredited High School.

CONDITIONAL ADMISSION

Every applicant must present fifteen high school units for entrance. If an applicant is deficient in the number of units called for in Groups I and II to the extent of one unit (two units in foreign language) he is required to make up this deficiency in the freshman year. This statement applies only to those applicants who upon graduation ranked in the upper half of their class.

The admission of applicants who upon graduation ranked in the lower half of their class will be determined by the results of an intelligence test, analysis of high school record, and character references. Such students when permitted to enter will be required to make up their deficiency as indicated above.

*It is recommended that the two required language units be in Latin, and that in Mathematics there shall be a further half-year in Algebra and a half-year in Solid Geometry. These two and Trigonometry are major electives. Commercial Arithmetic and similar subjects may be minor electives.

ADVANCED STANDING

Applicants for advanced standing from other institutions should present to the Entrance Committee a complete official statement of both the preparatory and advanced work for which they claim credit, and a letter of honorable dismissal from the institution last attended. On the basis of these statements applicants will be given provisional standing by the Entrance Committee if the regular entrance requirements have been satisfied. Students from other institutions which have the same or equivalent courses of study will be given advanced credit for the work if their work is satisfactory; the amount of this credit will be determined, before the close of the first semester, by the Committee on Advanced Standing, acting with the advice of the department concerned. In all cases, students transferring from other institutions must comply with the specific requirements of Lake Forest College for the degree desired.

UNCLASSIFIED STUDENTS

Mature students of Lake Forest and vicinity who desire to attend certain college classes may do so on permission of the Committee of Class Officers and on payment of a stipulated fee.

REGISTRATION

On the appointed registration day, at the beginning of each semester (see Calendar, pages 7-8) all students are required to register and make their choice of studies for the semester, reporting such choice to the Registrar by the end of the second registration day. All new students must be admitted by the Entrance Committee before proceeding with their registration.

CHANGE OF REGISTRATION

It is expected that after the opening of the semester, changes in registration shall be made only for urgent reasons. Within two weeks after the opening of the semester, changes may be made, by the use of cards furnished by the Registrar, with the consent of the class advisers and the instructors. Later changes must have the sanction of the instructors concerned, the class advisers, and the Dean. A fee of $2.00 is charged for any changes made after Saturday of the second week, unless ordered by the Faculty. In general, a student will not be permitted to enter a course after one month of the semester has passed. Any student who discontinues a course in the manner described above receives a grade of W (withdrawn) provided he is passing at the time of withdrawal; otherwise he receives a semester grade of E for the course. If a student discontinues a course without permission he will still be considered a member of the class and will be charged with absences.

REPORTS OF STANDING

Reports of standing are made at the close of each semester, and sent to the students and to their parents or guardians.

GRADES

Students' grades are recorded in letters, A signifying a very high grade, B good, C fair, D merely passing; X means a condition which may be removed by re-examination; E means a failure, in which case credit can be gained only by repeating the course in class; I indicates that the work in the course is incomplete; W means that the student has withdrawn while passing.

PARTICIPATION IN STUDENT ACTIVITIES

In order to be eligible for participation in any student activity, a student must have passed in at least 12 hours of academic work for the last semester in attendance at Lake Forest College or any other accredited college or university. The above rule shall apply to all students except those who are beginning college work for the first time; for such students the eligibility requirement of 12 hours shall become operative at the close of the first two months of the semester, but this is not to be construed as limiting in any way the disciplinary power of the Faculty to deal with special cases of deficient scholarship during the first two months. Students ineligible because of conditions may regain eligibility by a removal of the conditions on the day or days scheduled for condition examinations. The names of all students participating in any student activity shall be reported to the Dean or the faculty adviser connected therewith. The administration of this rule is in the hands of the Dean.

CHAPEL

1. Chapel attendance is required of all students, and counts 2 credits per semester.

2. If a student has more than ten unexcused absences from chapel in a semester, he receives but one credit; while if his unexcused absences exceed fifteen, he receives no credit.

3. Chapel credits lost must be made up by double the number of hours passed in regular college courses. Thus a student at the end of senior year with 16 chapel credits, needs 120 hours to graduate; while one with but 14 chapel credits must have 124 hours to graduate.

4. A student who, in any semester, passes 8 hours and fails to get full chapel credit is dropped from college.

5. Failure to get full chapel credit in any semester debars a student from participation in any college activity during the following semester.

REQUIREMENTS *for* GRADUATION

General Rules

THE College course, extending through four years, is divided into eight semesters, two for each academic year. The unit of work, or "semester hour," is one recitation period a week for one semester, two hours of laboratory work being the equivalent of a single recitation period. One hundred and twenty semester hours in the studies of the curriculum are required for graduation. The required work in physical education must be added to this total.* Students who select courses announced to extend through two semesters will not receive credit for one semester's work in such courses without the consent of the instructor.

Students electing any laboratory science, or history, who have had only one year's work therein in high school, will in general be expected to enter the first year college course in that subject and will receive regular college credit. College credit shall not be given for preparatory work in excess of entrance requirements unless the student passes an examination given by the committee of the faculty appointed for that purpose.

Requirements for the Degree of Bachelor of Arts

To secure the degree of Bachelor of Arts, the student is required to complete a course of study consisting of (1) certain prescribed courses, (2) a specified number of hours in a major subject, (3) enough electives to bring his work up to the total requirement of 120 hours, making an average of 15

*See page 52.

Students registering as freshmen or specials must have their schedules approved by the Freshman Advisory Committee. Sophomores, juniors, and seniors register with their class advisers. (See page 17.) All sophomores, juniors, and seniors are advised to consult with their major officers when making out their schedules. All students in the Department of Business Administration register with the Dean of that department. There is no charge for registration if it is completed on the registration days. Otherwise a fee of three dollars will be charged.

A fine of $5.00 will be imposed upon each old student failing to register upon the registration day set apart at the beginning of the second semester.

The registration offices are in the Henry C. Durand Institute.

EXTRA HOURS

The normal registration is 15 hours, distributed over six days a week. Students who wish to register for more than 17 or less than 14 hours a week must have their cards approved by the class adviser. No student is allowed to take more than 21 hours in a semester. Fourteen hours shall be considered a minimum, even in the case of seniors who do not need 14 for graduation. An additional fee of $5.00 is charged for each additional hour over 18.

RESTRICTED REGISTRATION

A student must pass in at least 14 hours of work in any semester (exclusive of physical training) in order to register without restriction for the following semester.

If a student pass from 8 to 14 hours of work in any semester, he may be permitted to register under restriction for the following semester. This means that he may register for not more than 15 academic hours.

If a student shall fail to pass in 8 hours of work, in any semester (exclusive of physical training) he shall be required

to leave the campus within five days and shall be suspended for one semester, except that for first year students taking less than 15 hours the minimum for the first semester shall be 7 hours credit.

The above does not apply to unclassified students who have received faculty permission to carry less than 8 hours.

REGULATIONS

ABSENCES

A. *Reporting of Absences.* The student is expected to enroll himself in the first meeting of each course he is to pursue. Absences will be counted from the first exercise whether the student has enrolled or not, unless exception is made by the Dean.

B. *Absences Before and After Holidays.* Students absent from the last class or laboratory exercise preceding a recess or holiday or from the first class or laboratory exercise following a recess or holiday shall pay a fine of two dollars ($2.00) in each course in which such absence shall occur.

C. *Excused Absences.* Absences shall be excused only when arranged for by college authorities, or in case of sickness covered by physician's certificate, or incapacity, or personal or family misfortune of such a nature as to necessitate the presence of the student elsewhere. In any such case the excuse must be submitted within 3 academic days after return to classes. Men's excuses are submitted to the Assistant to the Dean; women's excuses to the Dean of Women.

D. *Uniform Cut System.* If the number of unexcused absences in any one course exceeds the number of credits which the course carries, the student is automatically dropped from the class. Reinstatement in class may be accomplished by a written recommendation by the instructor, and payment of $2.00 re-registration fee to the Comptroller. The Comptroller's receipt for this fee must be presented to the instructor as a card of re-admission.

hours a week throughout the four years. The specific requirements in each department are described below, and following this there is an outline of a typical four-year course with the requirements and suggested courses arranged by years. No student is eligible for a degree who has not been in residence at Lake Forest College for one year, and that year the senior year.

Students must secure for graduation as many credit points as there are credit hours required for graduation (exclusive of physical education). Three credit points are given for each semester hour of "A" grade; two for each semester hour of "B" grade; and one for each semester hour of "C" grade. In the case of students entering by transfer from other colleges the credit point requirement will apply to all work taken at Lake Forest College, but not to transferred credits. The credit point requirements must be satisfied in respect to all work taken after September, 1923.

I. REQUIRED SUBJECTS

BIBLICAL LITERATURE — Six hours.

ECONOMICS, HISTORY, OR POLITICAL SCIENCE — Six hours in each of two of these subjects, to be completed by the end of the junior year.

ENGLISH — English 1-2; freshman year, six hours. In addition four hours, selected from the literature courses.

FOREIGN LANGUAGES — Twelve hours in foreign languages, to be completed by the end of the sophomore year.

MATHEMATICS — Mathematics through Trigonometry.

PHILOSOPHY, PSYCHOLOGY, OR EDUCATION — Six hours.

PHYSICAL EDUCATION — Freshman and sophomore men are required to take 2 hours a week. Freshman and sophomore women are required to take 3 hours a week, and junior women, 2 hours a week. One hour of college credit is given for the course in Hygiene required of freshman women. See page 89.

SCIENCE — Eight hours in Biology, Chemistry, or Physics, to be completed by the end of the sophomore year.

II. SUGGESTED SCHEDULE OF COURSES

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English 1	3	English 2	3
Foreign Language	3	Foreign Language	3
Mathematics 1	3	Mathematics 2	3
Physical Education (See above)		Physical Education (See above)	
Science	4	Science	4
Electives	3	Electives	3
	16		16

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Biblical Literature	3	Biblical Literature	3
Economics, History, or Political Science	6	Economics, History, or Political Science	6
English	2	English	2
Physical Education (See above)		Physical Education (See above)	
Electives	4	Electives	4
	15		15

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Philosophy, Psychology, or Education	3	Philosophy, Psychology, or Education	3
Physical Education (See above)		Physical Education (See above)	
Electives	12	Electives	12
	15		15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Electives	15	Electives	15
	15		15

MAJOR REQUIREMENTS

Candidates for the degree of Bachelor of Arts are required to choose a major subject, if possible at the beginning of the sophomore year, and in any case not later than the beginning of the junior year. The major requirement consists of 36 semester hours, distributed as follows: (1) Not less than 24 semester hours must be taken in the major department. (2) Enough additional hours to make up a total of 36 must be elected in work complementary to the major subject. A thesis may be substituted for a portion of the last year's work in a major subject; it must be handed in four weeks before Commencement unless other arrangements are made with the professor in charge. The professor in charge of the major subject will act as the student's adviser, and, together with the Dean and class officer, will supervise the administration of this rule.

Any one of the following may be selected as a major subject: (1) Biblical Literature; (2) Biology; (3) Chemistry; (4) Economics; (5) Education; (6) English; (7) Greek and Latin; (8) History; (9) Mathematics; (10) Music; (11) Philosophy; (12) Physics; (13) Political Science; (14) Psychology; (15) Romance Languages; (16) Speech.

PREPARATION FOR PROFESSIONAL AND TECHNICAL STUDY

The major system combines the breadth that is essential to a liberal education with the possibility of special preparation for the student's future vocation. The following suggestions may serve as a guide to students who have a definite calling in view, in the choice of the studies to be selected if they do not look forward to the completion of the college course.

The tendency of the best professional and technical schools is to become graduate schools, based upon a four years'

college course, a standard already set by the strongest professional schools in the East.

It is generally recognized that the subjects which are preparatory to the more special courses of vocational schools are taught far more effectively in the college than in these schools.

ENGINEERING

The student contemplating engineering will find it greatly to his advantage to take at least two years of college work in anticipation of his technical courses. Thorough courses in physics, chemistry, mathematics, English, and modern languages, which are common to all courses in engineering, enable the student to prepare himself for the special technical course while availing himself of the opportunity for work in subjects not directly pertinent to engineering but very pertinent to modern life. A course embodying the fundamental subjects required during the freshman and sophomore years in the technical schools is as follows:

Freshman Year		Sophomore Year	
Chemistry 1-2	8 hours	English 7-8	4 hours
English 1-2	6 hours	Mathematics 5-6	6 hours
Mathematics 1-2	6 hours	Mathematics 7-8	6 hours
Modern Language 1-2	6 hours	Physics 1-2	8 hours
Elective	6 hours	Modern Language	6 hours

LAW

The law schools vary widely in their admission requirements. The tendency at present is toward the requirement of two years of college work, and in a few of the strongest law schools the full four years' college course is required. The most important college subjects for students preparing for law are English (especially oral and written composition), Latin, mathematics, history, politieal science and economics, and psychology. The following schedule is suggested for the first two years:

Political science, economics, or history should be the major subject.

First Year		Second Year	
English 1-2	6 hours	Economics 1-2	6 hours
Mathematics 1-2	6 hours	English 5-6 or 7-8	4 hours.
Laboratory Science	8 hours	Latin 5-6	6 hours
Latin A-B or 1-2	10 hours	History 1-2 or 3-4	6 hours
		Political Science 1-2	6 hours
		Psychology 1-2	6 hours

MEDICINE

Although they do not require it, the better medical schools now strongly recommend a full college course for entrance, with emphasis placed upon training in the sciences. In order that students preparing for medicine at Lake Forest College may best fit themselves for the courses offered in the different medical schools and at the same time fulfill all the graduation requirements of this college, the following four year course is recommended:

First Year		Second Year	
English 1-2	6 hours	English Literature (2 courses)	4 hours
Modern Language 1-2	6 hours	Modern Language (2 advanced courses)	6 hours
Mathematics 1-2	6 hours	Chemistry 3-4	8 hours
Chemistry 1-2	8 hours	Physics 1-2	8 hours
Elective	4 hours	History (2 courses)	6 hours

Third Year		Fourth Year	
Chemistry 5-6	8 hours	Chemistry 11-12	6 hours
Biology 1-2	8 hours	Biology 5 or 7	6 hours
Biology 8 or 10	4 hours	Biology 8 or 10	4 hours
Psychology 1-2	6 hours	Economics 1-2	6 hours
Biblical Literature	6 hours	Electives	6 hours

In case the student is compelled to shorten his pre-medical course he should consult with the Professor of Biology before planning his courses.

MINISTRY

The best divinity schools in the country are all on the graduate basis, requiring for admission the completion of the college course or its equivalent. The college work for students preparing for the Christian ministry should include courses in Greek and Latin, Biblical literature, English language and literature, political and social science, and history. The following schedule is suggested for the first two years:

First Year		Second Year	
English 1-2	6 hours	English 7-8	4 hours
Greek 1-2	10 hours	History 1-2	6 hours
Mathematics 1-2	6 hours	Biblical Literature 3-4	6 hours
Economics A, B	6 hours	Psychology 1-2	6 hours
Biblical Literature 1-2	6 hours	Sociology 1	3 hours
		Biology 1-2	8 hours

PREPARATION FOR TEACHING

Professional standards for teaching are being raised constantly and it is becoming increasingly difficult for the college graduate without special training to secure a good position. The North Central Association requires that teachers in its accredited schools shall have had fifteen semester hours in Education. The Illinois State Examining Board requires for the high school certificate a minimum of twelve semester hours, including educational psychology and a course in methods of teaching. The requirements for certificates in other states vary.

Students intending to teach should consult with the Department of Education as early as possible, preferably at the beginning of their sophomore year. They should plan to major in the subjects they expect to teach and to elect as many courses in Education as possible. Prospective teachers are advised to elect a course in public speaking. History of Education, High School Problems, School Administration and Supervision, Educational Psychology and Class Room Techniques should con-

stitute the minimum choice of subjects selected in the department of Education. Many of the other departments offer teachers' courses or a sequence of courses recommended for those preparing to teach.

DEPARTMENT OF BUSINESS ADMINISTRATION

The purpose of this department is to prepare men and women for ultimate leadership in business, political life, and social service. Prerequisite to such leadership is the ability to qualify as well-trained in some specific field of income-yielding endeavor. Each student, therefore, is given the broadest possible basis of cultural education, with an effective specialization in some subject of his choice, in which there is demand for trained workers in the practical field.

Students who intend to go on to post graduate work in the Social Sciences after receiving the Bachelor's degree, should merely register for a major in Economics or Political Science, as outlined on pages 53-54.

Students desiring a commercial course, or preparing definitely for professional life in Accountancy, Banking, Industrial Arbitration, Insurance, Labor or Production Management, or Sales Management, may begin specialization at once on Schedule I, below.

Students desiring specific preparation for social service, Employment Management, or the teaching of the social sciences, may begin specialization at once on Schedule II, below.

Upon completion of either Schedule I or Schedule II, comprising 120 credit hours, the degree of Bachelor of Arts in Business Administration will be conferred.

It will be noted that these schedules are so arranged that the student may, at any time previous to the junior year, transfer to any other field without loss of credits or standing.

SCHEDULE I

ECONOMICS, COMMERCE, AND MANAGEMENT

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English Composition	3	English Composition	3
Algebra	3	Trigonometry	3
Language	3	Language	3
Accounting	3	Accounting	3
Economics A	3	Economics B	3
	15		15

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
American Govt.	3	American Government	3
Language	3	Language	3
Laboratory Science	4	Laboratory Science	4
English 5 or 7	2	English 6 or 8	2
Economics 1	3	Economics 2	3
	15		15

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Money Credit and Banking	3	Corporation Finance	3
Foreign Trade or elective	3	Labor Problems or Value and Distribution	3
Marketing or Statistics	3	Economic Cycles or elective	3
Electives	6	Electives	6
	15		15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Business Law	3	Business Law	3
Foreign Trade or elective	3	Value and Distribution or Labor Problems	3

Statistics or Marketing	3	Economic Cycles	
Electives	6	or elective	3
	—	Electives	6
	15		—
			15

SCHEDULE II

SOCIOLOGY AND SOCIAL SERVICE

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English Composition	3	English Composition	3
Algebra	3	Trigonometry	3
Language	3	Language	3
Mod. European History	3	Mod. European History	3
Social Origins	3	Economic History	3
	—		—
	15		15

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English 5 or 7	2	English 6 or 8	2
Language	3	Language	3
Laboratory Science	4	Laboratory Science	4
Psychology 1	3	Psychology 2	3
Economics 1	3	Economics 2	3
	—		—
	15		15

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Principles of Sociology	3	Social Control	3
Abnormal Psychology	3	Labor Problems	
American Government	3	or Social Ethics	3
Statistics or Marketing	3	Social Institutions	
Elective	3	American Government	3
	—	or Comparative	
	15	Religions	3
		Electives	3
			—
			15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Marketing or Statistics	3	Social Ethics	
Electives	12	or Labor Problems	3
	—	Comparative Religions	
	15	or Social Institutions	3
		Electives	9
			—
			15

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

The Degree of Master of Arts may be conferred upon graduates of Lake Forest College or upon graduates of other institutions of equal standing under the following conditions:

The applicant for graduate work must present his credentials to the Curriculum Committee, which will supervise his admission and enrollment. As soon as possible thereafter, and before October 15, the candidate will present to the Curriculum Committee a plan of study, approved and signed by his instructors. One year of resident graduate work is required for the degree, consisiting of a minimum of 12 hours of graduate work for each semester, at least half of which should be taken in some one department. Undergraduate courses, not listed for graduate credit, may be selected in addition to the normal amount of graduate work with the approval of the professor in charge of the student's major and of the Curriculum Committee. A thesis must further be presented on an approved topic pertaining to the major subject. The title of this thesis must be filed with the Curriculum Committee not later than December 1, and the thesis itself must be in the hands of the examining committee not later than May 15. It shall be printed or typewritten, and a copy furnished to the college library.

The final examination of the candidate will take place at an appointed date, during the two weeks immediately preceding Commencement. The examination will be conducted by a committee composed of the head of the department in which the student has done his major work, and four other members of the faculty designated by the Curriculum Committee.

A fee of $150 is charged for the year of graduate work, and $10 for the diploma.

A ready reading knowledge of French or German is required of all candidates for the degree. No candidate is acceptable whose general average for all undergraduate work is less than 80 per cent. All other details in connection with graduate work are under the control of the Curriculum Committee.

Enter hours of Lect. & Lab.

DEPARTMENTS *of* INSTRUCTION

IN the numbering of the courses, odd numbers inidicate first semester courses, even numbers second semester courses. A hyphen between the semester course numbers (1-2) indicates that credit will be given only on the completion of the whole year's work. A comma between the numbers (3, 4) indicates that credit will be given for the work of either semester. The number of hours refers to the credit per semester allowed for the course; see page 52. The departments of study are arranged alphabetically.

ASTRONOMY

HAROLD B. CURTIS, *Professor*

2. GENERAL ASTRONOMY — In addition to text book work the course includes observation with the small portable telescope, sextant, etc., and practice in some of the fundamental problems of spherical astronomy. Prerequisite: Trigonometry. *Three hours a week, second semester.*

3, 4. THEORETICAL ASTRONOMY — Opportunity is given for advanced work on the theoretical side of the subject. There is a small but well selected library, and the most important periodicals are available for student use.

BIBLICAL LITERATURE

(See Religion, page 94)

BIOLOGY

BRUCE LINEBURG, *Professor*

A student majoring in this department shall take courses 1, 2, 7, 8, 10 and any two of the remaining courses to make a total of twenty-four credit hours. Any combination of college courses in Chemistry, Physics, Mathematics, or Psychology, which totals at least twelve credit hours will be accepted as

complementary to the major in Biology, provided that eight credit hours are in one of those departments.

Students primarily interested in removing the graduation requirements should take Biology 1-2 or 1-4. Premedical students should take courses 1-2, 8 and 10 as a minimum. Further information concerning a suggested premedical course will be found on page 56. Prospective teachers of Biology should take courses 1-10 inclusive.

Entrance to courses 7 to 10 inclusive is conditional upon the grade of work done in previous biological courses.

1-2. GENERAL BIOLOGY — A study of the general principles of living matter. During first semester emphasis is placed upon plant biology; second semester upon animal biology. The purpose of the course is to train the student in observation, and in the use of scientific methods, and also to furnish him with the important facts concerning plant and animal life. In the laboratory first-hand information is obtained from experiments and observation upon living animals, as well as from dissection. Field work is done in the spring. *Four hours a week, two semesters.*

4. BOTANY — An introduction to the principles of plant life, based upon a study of the structures and functions of selected plants. Lectures, recitations, and laboratory work. Prerequisite: Biology 1. Given in 1928-29 and alternate years. *Four hours a week, second semester.*

5. BIOLOGY OF HUMAN AFFAIRS — A course designed to give the student a conception of the fundamental facts and theories of biological science. A lecture and reading course emphasizing the phase of the subject of greatest importance in connection with human problems. Not open to freshmen. Given in 1928-29 and alternate years. *Three hours a week, first semester.*

7. EVOLUTION, GENETICS AND EUGENICS — A lecture and seminar course dealing with the facts of evolution and genetics with a consideration of the more important theories which attempt to explain those facts. Prerequisite: Biology 1-2 or 1-4. Given in 1927-28 and alternate years. *Three hours a week, first semester.*

8. GENERAL PHYSIOLOGY — An introductory study of the phenomena exhibited by living matter, and their interpretation from a physico-chemical standpoint. The general physiology of muscle and nerve, digestive tract, the circulatory system, the co-ordinate activities of the nervous system and the sense organs (including reflexes and tropisms) are the chief topics considered. Lectures and laboratory work. Prerequisite: Biology 1-2. Given in 1927-28 and alternate years. *Four hours a week, second semester.*

10. VERTEBRATE ZOOLOGY — A study of the anatomy, histology, and embryology of representative vertebrates. Designed for those students who plan to study medicine, and those who major in biology. Lectures and laboratory work. Prerequisite: Biology 1-2. Given in 1928-29 and alternate years. *Four hours a week, second semester.*

11. MARINE ZOOLOGY — Summer work at the Marine Laboratory, Woods Hole, Mass. Five to twelve credit hours depending upon the amount and quality of the work.

15-16. BIOLOGICAL PROBLEMS — Special topics for investigation in the field, laboratory, or library may be assigned to advanced students. *Credit hours to be arranged.*

CHEMISTRY

FLETCHER B. COFFIN, *Professor*

Students majoring in Chemistry should in addition to 24 hours in Chemistry, take courses in German, Physics, and Calculus. Those intending to study medicine should also take several courses in Biology.

1-2. GENERAL INORGANIC CHEMISTRY — This course is arranged to give a full exposition of the general principles involved in modern chemistry, and comprises a systematic study of the properties of the more important metallic and non-metallic elements and their compounds and of the applications of chemistry in technology. Lectures and laboratory work. *Four hours a week, two semesters.*

3-4. QUALITATIVE ANALYSIS — This course includes, besides basic and acid analysis of simple substances, analysis of complex mixtures, alloys, and minerals. Lectures and laboratory work. Courses 1-2 and 3-4 or their equivalent are prerequisites to the higher courses. *Four hours a week, two semesters.*

5-6. QUANTITATIVE ANALYSIS — In this course the student obtains a practical knowledge of quantitative chemical analysis. A number of analyses are made, using the more important gravimetric and volumetric methods. *Four hours a week, two semesters.*

7, 8. ADVANCED QUANTITATIVE ANALYSIS — This is a continuation

of course 5-6. It will ordinarily include water analysis, gas analysis, and the analysis of soils, ores, and feldspars; however, the subject matter may be changed to suit the needs of the individual student. *Three to five hours a week, two semesters.*

9, 10. PHYSICAL CHEMISTRY — The most important principles of physical chemistry are discussed in lectures. These include the gas laws, thermochemical change, phase rule, osmotic pressure, electrolytic dissociation, chemical statics and dynamics, and electro-chemistry. Parallel assigned reading from the modern treatises of Ostwald, Nernst, Walker, Jones, and other writers is required. *Two hours a week, two semesters.*

11. ORGANIC CHEMISTRY — Lectures on the fundamental principles of organic chemistry. Stress is laid on the methods of preparing organic compounds, their structures and relationships. *Three hours a week, first semester.*

12. ORGANIC PREPARATIONS — This is a laboratory course which presupposes Course 11. A number of typical organic compounds are prepared. *Three hours a week, second semester.*

13, 14. RESEARCH WORK — Special topics for investigation by advanced students will be assigned after consultation. Time and credit individually arranged.

A course not offered one year is ordinarily offered the suceeding year.

ECONOMICS, SOCIOLOGY AND BUSINESS

JOHN H. SHERMAN, *Professor*
DAVID M. MAYNARD, *Professor*
ERNEST A. JOHNSON, *Assistant Professor*
WILLIAM J. WAINES, *Instructor*

Students majoring in this department may elect either of the following combinations: (a) twenty-four hours which shall include Sociology 1, Economics 7, and either Economics 12 or 16, with the remaining twelve hours in History, Mathematics 7, 8, Philosophy, Political Science and Psychology; or (b) twenty-four hours which shall include Sociology 1, 2, 4, and 8, and Economics 16, with supplementary work in Biology and Psychology.

A. SOCIAL ORIGINS — A course designed to furnish a general introduction to the social sciences and to stimulate the student to independence of thought and reflective thinking. After a brief consideration of

the nature of scientific method and the uses of fact, hypothesis, and theory in the search for truth, the course seeks to trace the origins and development of social and cultural institutions, with especial attention to the fundamental economic and social institutions, and to the motivating forces in human activity. Designed specifically to prepare the student for following work in Economics 1, Political Science 1, or Sociology 1. Primarily for freshmen. Only two hours credit if taken after sophomore year. *Three hours a week, first semester.* Professor Sherman.

B. ECONOMIC HISTORY — The history of the development of present day social life, commerce and industry, and of the development of commercial relations between various countries, with incidental study of the simpler concepts of Economic and Social theory as they occur in necessary explanation. Essentially a citizenship course, and of aid to the student in securing a broader basis for later studies in the social sciences. *Three hours a week, second semester.* Mr. Waines.

1-2. PRINCIPLES OF ECONOMICS — The purposes of this course are to develop the fundamental principles, to open the field of economics in the way most helpful to further a more detailed study of special problems, and to give to those not intending to specialize in the subject a comprehension of the general groundwork of economics and of political economy. The course covers wealth production, conditions of productive efficiency, fundamentals of trade, theories of value and laws of price, and the conditions which underlie the present order and determine the social and personal distribution of wealth and income. Juniors and seniors. Sophomores by permission. *Three hours a week, both semesters.* Professor Sherman and Mr. Waines.

3-4. ELEMENTARY ACCOUNTING — This is an introductory course designed to give the student a thorough understanding of the general principles of accounting, the method of accounting, and accounting terminology. The development of the several books and forms is discussed, considerable emphasis being placed upon the reasons why they are used and how they are designed. The subject matter includes: theories of debit and credit; classification of accounts; different types of accounts used in business; the preparation of the books of a single proprietorship, a partnership, and a corporation. The problems to be worked by the student are identical with those which will be confronted in business. *Three hours a week, both semesters.* Mr. Waines.

5-6. BUSINESS LAW — The legal principles applicable to commercial transactions. In the first semester a general survey is made of the formation, interpretation, operation, and discharge of contracts — one of the indispensable aids to the functioning of the business world. In

the second semester there is a more detailed study of the legal rules governing the sale of goods, and negotiable instruments. The purpose of the course is to build up a knowledge of the fundamentals of each subject by a combination of the case, lecture, and problem method. Prerequisite: Economics 1-2. *Three hours a week, two semesters.* Assistant Professor Johnson.

7. MONEY, CREDIT, AND BANKING — The nature and use of money as a medium of exchange. Recent monetary history, and the existing monetary system of the United States and the more important foreign countries. Bimetallism, credit, credit instructions, paper money, the quantity theory of money, the relation of money and credit to prices, and modern currency problems. A survey of financial institutions in modern society. Particular emphasis on the principles of commercial banking. An outline of the banking systems of England, France, and Germany, and a careful analysis of the Federal Reserve System in the United States. Discussion of current topics and statistics relating to money, banking, domestic and foreign commerce and exchange, price movements, etc. Prerequisite: Economics 1-2. *Three hours a week, first semester.* Assistant Professor Johnson.

8. CORPORATION FINANCE AND INDUSTRIAL ORGANIZATION—Study of the different types of business organizations with emphasis upon the corporation. The process of formation of corporations, kind of securities, methods of promotion, underwriting, capitalization, etc.; principles of corporate administration, investment of funds, financial statements, depreciation funds, dividends; the failure of corporations, receiverships, and reorganizations. Advantages and disadvantages to the business man and to society of the corporate form of organization. Public utility corporations. The trust problem. A standard financial journal is used. Prerequisite: Economics 1-2 and 3-4. *Three hours a week, second semester.* Assistant Professor Johnson.

9. STATISTICS — A study of statistical methods appropriate for dealing with problems in the social sciences and business. Emphasis will be given to sources of error; critical examination of data; properties and uses of the common averages; formation and interpretation of index numbers. Prerequisite: Economics 1-2. *Three hours a week, first semester.* Mr. Waines.

10. ECONOMIC CYCLES AND CRISES — A study of recurrent periods of business prosperity and depression, and the theories offered to explain them. Students will examine the factors which must be considered and the statistical methods used in attempting forecasts of general business

conditions. Prerequisite: Economics 7 and 9. *Three hours a week, second semester.* Mr. Waines.

11. HISTORY OF ECONOMIC THOUGHT — A survey of the development of the major lines of economic theory from the Canon Law to the Austrian School, with especial attention to value theory, the theory of the distribution of wealth and income, and theories of the economy of nations. Prerequisite: Economics 1-2. Given 1927-28 and alternate years. *Three hours a week, first semester.* Professor Sherman.

12. VALUE AND DISTRIBUTION — Critical analysis and discussion of leading theories of value and distribution: the objective, subjective and volitional theories of value; the legal theory as developed in the decisions of the courts. Problems of valuation of public utilities for rate-making, etc. Laws of population; wage theories; the rent of land; interest; the nature of profits. Prerequisite: Economics 11, or 15 hours in the department, including Economics 1-2. Given in 1927-28 and alternate years. *Three hours a week, second semester.* Professor Sherman.

13. MARKETING — A course designed for students wishing a fundamental knowledge of the existing market structure; and for the preparation of those desiring to specialize in sales management, advertising or retailing. It treats of marketing functions and market institutions; problems involved and methods used in marketing agricultural products, raw materials, and manufactured goods; functions, positions, and modes of operation of the various types of middleman; the nature and methods of retailing; use and place of advertising and salesmanship; methods of sale, finance, credits and collections; the uses of brand trade marks and trade names; price maintenance; legally unfair methods of competition; the role of organized speculation. Illustrative materials will be mainly from the food field; the social view of the problems will be kept uppermost, and problems of city food supply will be examined in some detail. Prerequisite: Economics 1-2. Given 1928-29 and alternate years. *Three hours a week, first semester.* Professor Sherman.

16. LABOR PROBLEMS — Study of the relation of the labor interest to current trends in modern society, with analysis of the economic doctrines involved in present controversies over wages and trade organizations. Especial attention is given to employers' associations and labor unions, with their respective methods of bargaining; unemployment; woman and child labor; employment methods; scientific management; and systems of wage payments. Prerequisite: Economics 1-2. Given 1928-29 and alternate years. *Three hours a week, second semester.* Professor Sherman.

the second semester there is a more detailed study of the legal rules governing the sale of goods, and negotiable instruments. The purpose of the course is to build up a knowledge of the fundamentals of each subject by a combination of the case, lecture, and problem method. Prerequisite: Economics 1-2. *Three hours a week, two semesters.* Assistant Professor Johnson.

7. MONEY, CREDIT, AND BANKING — The nature and use of money as a medium of exchange. Recent monetary history, and the existing monetary system of the United States and the more important foreign countries. Bimetallism, credit, credit instructions, paper money, the quantity theory of money, the relation of money and credit to prices, and modern currency problems. A survey of financial institutions in modern society. Particular emphasis on the principles of commercial banking. An outline of the banking systems of England, France, and Germany, and a careful analysis of the Federal Reserve System in the United States. Discussion of current topics and statistics relating to money, banking, domestic and foreign commerce and exchange, price movements, etc. Prerequisite: Economics 1-2. *Three hours a week, first semester.* Assistant Professor Johnson.

8. CORPORATION FINANCE AND INDUSTRIAL ORGANIZATION—Study of the different types of business organizations with emphasis upon the corporation. The process of formation of corporations, kind of securities, methods of promotion, underwriting, capitalization, etc.; principles of corporate administration, investment of funds, financial statements, depreciation funds, dividends; the failure of corporations, receiverships, and reorganizations. Advantages and disadvantages to the business man and to society of the corporate form of organization. Public utility corporations. The trust problem. A standard financial journal is used. Prerequisite: Economics 1-2 and 3-4. *Three hours a week, second semester.* Assistant Professor Johnson.

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16. LABOR PROBLEMS — Study of the relation of the labor interest to current trends in modern society, with analysis of the economic doctrines involved in present controversies over wages and trade organizations. Especial attention is given to employers' associations and labor unions, with their respective methods of bargaining; unemployment; woman and child labor; employment methods; scientific management; and systems of wage payments. Prerequisite: Economics 1-2. Given 1928-29 and alternate years. *Three hours a week, second semester.* Professor Sherman.

of premiums, endowments, surpluses, dividends, etc. Prerequisite: Economics 1-2. Given in 1928-29 and alternate years. *Three hours a week, first semester.* Assistant Professor Johnson.

28. INVESTMENT AND SPECULATION — The differences between investment and speculation. The nature, methods, and principles of investment; a classification of investment securities, and the merits and defects of each form; tests for the evaluation of investments; investment practice, including the use of bond tables, the analysis of balance sheets and income statements, the distribution of investments, etc. Types of stocks, the stock market, organization and practice of the stock exchange. Relation between stock and bond prices, the money market, and the general level of prices. Business barometers and forecasts of business conditions. Prerequisite: Economics 3-4, and 7. *Three hours a week, second semester.* Assistant Professor Johnson.

30. LAND ECONOMICS — A survey of the economic and political problems arising out of the institutions of land ownership, tenancy, and sovereignty. Particular attention will be paid to governmental land policies, systems of tenure, problems of land taxation, developmental problems, and methods of marketing real estate. Prerequisite: Economics 1-2. *Three hours a week, second semester.* Professor Sherman.

SOCIOLOGY

1. PRINCIPLES OF SOCIOLOGY — A study of the make-up of the population, social forces, social processes, and social products. An attempt is made to analyze the mechanics of group life and to trace the development of the chief social institutions. Critical studies of existing social forms are conducted with a view to locating hopeful channels of progress. Especial attention is given to theories of social progress. Prerequisite: Economics A, B, or Economics 1-2, or Psychology 1-2. Juniors and seniors. Sophomores by permission. *Three hours a week, first semester.* Professor Sherman.

2. SOCIAL CONTROL — A study of human motives and of the controls over human behavior as manifested in such group activities as those of the school, the church, political organizations, industrial organizations, and the crowd or mob. Special emphasis upon the role of instinct, imitation, suggestion, and intelligence in the development of custom, tradition, convention, and fashion. Especial attention is given to Public Purpose as the basis of customs, moral codes, and jurisprudence. Prerequisite: Sociology 1. *Three hours a week, second semester.* Professor Sherman.

4. SOCIAL INSTITUTIONS — A consideration of the salient facts bearing upon the problems of dependency and delinquency, and subjects related thereto. Among the subjects discussed are poverty, unemployment, disease, crime, public and private relief, pensions and insurance. Prerequisite: Sociology 1. Given in 1927-28 and alternate years. *Three hours a week, second semester.* Professor Maynard.

8. SOCIAL ETHICS — A study of the ethical relationships within the organized group, and between groups, preceded by a study of the relation of personal conduct to social life, and involving a survey of the more important problems of moral theory and practice. Theories of the origin and nature of moral responsibility and standards of right and wrong, good and bad; rules and principles of the moral life. Application of these principles to important social problems of the present generation such as relations of capital and labor; capitalization of corporations; the problem of interest; rewards of services. Prerequisite: Economics 1-2, or Sociology 1. Given in 1927-28 and alternate years. *Three hours a week, second semester.* Professor Sherman.

EDUCATION

GEORGE N. SLEIGHT, *Professor*

Students majoring in Education should in addition to 24 hours in Education take courses in Psychology, Philosophy and Sociology.

1. INTRODUCTION TO EDUCATION — A course designed for all those who, in their future functions as citizens, parents or teachers, need to know the basic principles of public education, with regard to organization, financing and administration of schools. The present day problems of education will be noted and progress reviewed in the light of educational needs. Each student is assigned an educational journal which he reads carefully and upon which he makes reports, oral and written. Basic course for all those who intend to major in education. Not open to freshmen. *Three hours a week, first semester.*

2. HISTORY OF EDUCATION — A study of the origins and development of educational institutions, practice and theory of today. The chief persons and events as well as movements will be noted in such a way as to show the historical setting of present trends in education. Not open to freshmen. *Three hours a week, second semester.*

3. HIGH SCHOOL PROBLEMS — The purposes, character, problems and types of the American secondary school. Significance of movements and changes taking place in the junior and senior high schools. Mental

and physical characteristics of adolescence. Types of curricula and other features of administration. Extra curricular activities and community relationships. Comparisons with the secondary schools of other countries. Prerequisite: Education 1 and 2, or senior standing. *Three hours a week, first semester.*

4. PHILOSOPHY OF EDUCATION — This course comprises a study of the psychological and philosophical bases of education and their relation to the varied lines of human endeavor. The many aspects of education will be considered in their bearing on the solution of present problems. An effort will be made to systematize the fundamental ideas involving the principles and practices set forth in other courses, thus enabling the student to acquire a sound basis of theory from which he can independently and intelligently determine what to adopt in the way of educational procedure and objectives. Prerequisite: Psychology 1 and 2, and six hours in Education. *Three hours a week, second semester.*

5. EDUCATIONAL PSYCHOLOGY — A study of the fact material of individual differences and its significance in educational procedure; the laws of learning and the analysis of the process of learning; the application of psychological laws to the learning of particular subjects and to the modification of methods of instruction. Prerequisite: Psychology 1 and 2. *Three hours a week, first semester.*

6. MEASURE OF INTELLIGENCE — The history of the development of tests and measurements of intelligence. Present tests of all varieties reviewed and analysed. Practical training in the giving and interpretation of the tests. Prerequisite: Education 5. *Three hours a week, second semester.*

7. CLASSROOM TECHNIQUES — Consideration of the management of the class; factors in routine control and discipline of pupils; uses of the class record; collection of information regarding pupils, including measures of school ability; proper uses of informational materials. Followed by consideration of plans and devices approved in the teaching of the common branches, based on the principles of psychology as shown in experimental science. Prerequisite: Psychology 1 and 2, and 6 hours in Education. *Three hours a week, first semester.*

8. SCHOOL SUPERVISION AND ADMINISTRATION — A presentation of those principles of procedure that are basic in the organization and administration of our public schools. The various units for educational control are studied in terms of their historical development and the principles that govern them. An application of these principles is made to village and city school systems. Qualifications of the supervisor and administrator. Practical techniques involved in the office. Class discussions

follow a syllabus with readings and reports. Prerequisite: Education 7. *Three hours a week, second semester.*

ENGLISH

DANIEL FORD, *Professor**
WALTER RAY BRIDGMAN, *Professor*
ELIZABETH HOPE GORDON, *Assistant Professor*
ROSCOE F. SCHAUPP, *Instructor*
MARY PENFIELD, *Instructor*

English 1-2 constitutes six hours of composition required of all students, and is to be taken in the freshman year. For the four hours of literature which are required either 5-6 or 7-8 should be taken. Students who choose English as a major subject will take twenty-four hours in addition to 1-2, including 15-16, 21-22, and 29-30. The following courses count toward satisfying the 24 hours to be taken in this department: 5-6, 7-8, 9-10, 13-14, 15-16, 17-18, 21-22, 23-24, 29-30, 31-32, 37-38, 43-44. The remaining 12 hours (necessary to complete the major requirements of 36 hours) may be elected among these courses: English 33-34, 35-36; Speech 1-2, 5-6, 7-8, 13-14; Greek 1-2, 4, 5, 6; History 5-6, 9-10; Latin 1, 2, 4 and 5; French 7, 8, and 11, 12; Philosophy 3-4; Psychology 1-2.

1-2. ENGLISH COMPOSITION — A study of structure and style with particular attention to paragraph development; also a study of the forms of discourse. Written work with conferences; outside reading. *Three sections. Three hours a week, two semesters.* Professor Ford, Miss Gordon, Mr. Schaupp, Miss Penfield.

5-6. VICTORIAN LITERATURE — English writers of the last three generations, particularly Macaulay, Carlyle, Arnold, Newman, Huxley, Browning, Tennyson, and Morris. First semester, prose; second semester, poetry. Prerequisite: English 1-2. Given in 1928-29. *Two hours a week, two semesters.* Professor Ford.

7-8. HISTORY OF ENGLISH LITERATURE — Lectures and outside reading. Prerequisite: English 1-2. Given in 1927-28. *Two hours a week, two semesters.* Professor Ford, Miss Gordon.

*Absent on leave, 1927-28.

9-10. THE RENAISSANCE — Milton and the Neo-Classic Movement. A more intensive study than that pursued in English 7-8 of English prose and poetry of the 14th, 15th, 16th, 17th and early 18th centuries. For special study, Chaucer, Spencer, the Renaissance Lyric, Milton, the Neo-Classic Movement, Pope, Swift. Open to juniors and seniors. Given in 1927-28. *Three hours a week, two semesters.* Mr. Schaupp.

13-14. OLD ENGLISH — The study of Old English grammar and the reading of easy texts, prose, and poetry. Open to juniors and seniors. Given if elected by four students. *Three hours a week, two semesters.*

15-16. SHAKESPEARE — A critical and appreciative study of six of Shakespeare's plays, with lectures upon his dramatic art. Alternates with English 17-18. Open to juniors and seniors. Not given in 1928-29. *Three hours a week, two semesters.* Professor Ford, Miss Gordon.

17-18. ENGLISH DRAMA — A study of English dramatic literature from the miracle play to the close of the Restoration Period, with the reading of typical plays. Open to juniors and seniors. Given in 1928-29. *Three hours a week, two semesters.* Professor Ford.

21-22. THE ROMANTIC PERIOD — English Literature from 1765 to 1832. Open to sophomores, juniors and seniors. Not given in 1928-29. *Three hours a week, two semesters.* Miss Gordon.

23-24. ADVANCED COMPOSITION — Open to students who have completed English 1-2 with a grade of "B" or better. A study, more advanced than English 1-2, of structure and style. A course dealing especially with exposition. Given in 1928-29. *One or two hours a week, one or two semesters.* Professor Ford.

29-30. AMERICAN LITERATURE — Lectures with assigned readings. Open to sophomores, juniors and seniors. Not given in 1928-29. *Two hours a week, two semesters.* Miss Gordon, Mr. Schaupp.

31-32. THE NOVEL — History of the novel with the reading of representative novels. Open to sophomores, juniors and seniors. Given in 1928-29. *Three hours a week, two semesters.* Miss Gordon.

33-34. COMPARATIVE DRAMA — Primarily a course of reading of the best plays preserved from the time of the Greeks to our own day. This course should enlarge the student's knowledge of literature, give him some insight into the minds and manners of different nations, and teach him how to judge, but not to write, plays. Class limited to twenty, open only to juniors and seniors. Given in 1929-30. *Three hours a week, two semesters.* Professor Bridgman.

35-36. GREEK LITERATURE AND CIVILIZATION — The reading through translations of some of the major authors and a survey of the development of Greek society, especially in government and artistic achievement. In general, whole units will be read rather than extracts. Open only to upper classes. Given in 1928-29. *Three hours a week, two semesters.* Professor Bridgman.

37. LITERARY CRITICISM — The principles. Text book and written exercises. Open to sophomores, juniors and seniors. Given in 1928-29. *Two hours a week, first semester.* Professor Ford.

38. ENGLISH ESSAYISTS — A survey of the type with special study of *The Spectator*, Lamb, and contemporary essays. Conferences, reports. Open to sophomores, juniors and seniors. *Two hours a week, second semester.* Professor Ford.

43-44. CONTEMPORARY LITERATURE — English and American Literature from 1890 to the present time. Open to sophomores, juniors and seniors. Given in 1928-29. *Two hours a week, two semesters.* Miss Gordon.

GREEK AND ROMAN MYTHOLOGY — Credit in English possible. See under Greek 8. Given in 1928-29.

GREEK

WALTER RAY BRIDGMAN, *Professor*

The subjoined courses are typical, and cannot all be given in any one year. Courses 1-6 are required of all students who major in Greek. Additional hours to make 36 hours may be taken in Latin or in English 33-36.

1-2. BEGINNING GREEK — A rigorous course, the purpose of which is to accomplish in one year much of the ordinary preparatory work in Greek. Given in 1928-29. *Five hours a week, two semesters.*

3. To follow course 1-2. Easy reading, including selections from Zenophon, and composition. *Three hours a week, first semester.*

4. HOMER — Four to eight books with informal lectures on Homeric questions and some study of Homeric archaelogy. *Three to five hours a week, second semester.*

5. PLATO — Apology, Crito, and Phaedo. *Three hours a week, first semester.*

6. DRAMA — One play of each of the tragedians, and the *Birds* of Aristophanes, with a full course of lectures on the Greek theatre, and comparison with modern drama. *Three or five hours a week, second semester.*

7. HERODOTUS, one book, LYRIC POETS, selections. *Two hours a week, first semester.*

8. GREEK AND ROMAN MYTHOLOGY — A survey of the subject through the use of Gayley's Classic Myths and Ovid's Metamorphoses in translation, with some reference to modern interpretation of the myths in literature and art. Credit in English or general credit. Given in 1928-29. *Two hours a week, second semester.*

GREEK LITERATURE AND CIVILIZATION — Through translation. See under English 35-36.

Courses in the Historians and Orators or in Lucian will be given whenever there is a demand for them, in alternate years, in substitution for 5 and 6.

HISTORY

GEORGE A. WOOD, *Professor*

In fulfilling the requirements for a major in History, twenty-four hours must be chosen from the courses offered by this department. To complete thirty-six hours, the following complementary courses will be accepted for not more than twelve semester hour credits: Economics 1-2, Education 1, English 7-8, 29-30 and 35-36, Philosophy 3-4, Political Science 1-2, 3-4, and 5-6, French 11, 12.

1-2. EUROPE FROM THE ROMAN EMPIRE TO THE FRENCH REVOLUTION — This course sketches Roman imperial history in outline and traces the development of Europe from the disintegration of the Empire to the French Revolution. Its purpose is to show the life of the people of Europe as it was lived and also to call attention to those phases of it which seem to link up most closely with the life of today. It stresses the decline of the Roman Empire, the Barbarian invasions, the Byzantine Empire, the Medieval Church, feudalism, the Crusades, medieval towns, cities and culture, the growth of national institutions, the decline of the Papacy, the Italian Renaissance, the Reformation, dynastic and colonial rivalry. Not given in 1928-29. *Three hours a week, two semesters.*

3-4. EUROPE SINCE 1789 — The background for the period is presented in a survey of medieval rural and urban life including industrial and commercial as well as intellectual development. The early modern period is sketched, and the stages by which modern civilization

and national life have been developed and vicissitudes through which they have recently passed are stressed. Full treatment is given to the eras of Napoleon and Metternich, industrial and social changes, the growth of democracy and of nationalism, recent Europeon national history, national imperialism, the genesis of the World War, the events of that war, more recent developments. *Three hours a week, two semesters.*

5-6. THE UNITED STATES FROM THE DISCOVERY OF AMERICA TO DATE — The purpose of this course is to present facts which will contribute to good citizenship and orient students in the history of their country. It includes the discovery, settlement, and colonial development of the regions now within the United States, the conditions leading to the American Revolution, the evolution and the provisions of the Constitution, the establishment of the national government and the development of the nation under it. The following leading national themes are stressed: the structure of the government, foreign complications, the growth of national feeling, the Monroe Doctrine, westward expansion, the slavery question, the Civil War, Reconstruction, financial problems, political reforms, labor and capital, the growth and regulation of corporations, the United States as a world power, the Spanish-American War and territorial expansion, Carribean interests and policy, the United States and the World War, the United States since the war. Given in 1928-29 and alternate years. *Three hours a week, two semesters.*

7-8. LATIN AMERICA — The discovery of America and the conquests and colonization accomplished there by Spain and Portugal are treated. The Spanish colonial system in Spain and the colonies is described and an account is given of the economic and social factors in Spanish colonization. Defects in the system and consequent failures in administration are noted. Portuguese settlement and progress in Brazil are traced. The revolt of the Spanish colonies is developed and followed to the establishment of independent republics. The political history of these republics is outlined including their relations with each other and with the outside world. Much attention is given to economic and social conditions. Problems relating to political and social unrest, the development of natural resources, religion, education, and race relationships are dealt with. The separation of Brazil from Portugal and its national history are sketched. Given in 1928-29 and alternate years. Open to juniors and seniors. *Two hours a week, two semesters.*

9-10. ENGLAND — The history of England is treated as including British history. The core and most of the body of it is thought of as residing in the British Isles, but attention is also given to the growth of the Empire and to the international problems which accompanied im-

perial ambitions and expansion. The development is traced from the beginning of clear and reliable knowledge to 1923. An effort is made to show how and why the English constitution and government came into being and developed and also to record significant national interests and achievements wholly or partly aside from this main stream of national evolution. Thus attention is given to the English Reformation and its aftermath, social conditions and changes, the Industrial Revolution, economic policies, and scientific and cultural progress. *Three hours a week, two semesters.*

11-12. THE COLONIZATION OF AND THE CONFLICT FOR THE MASTERY OF NORTH AMERICA — This course deals with European colonization in North America considered as a whole. It includes not only English, but also Spanish, French, Swedish, Dutch, Russian, and Danish colonization. Geographically, the West Indies as well as the mainland fall within its scope. It aims to give a clear view of the origin and early development of the colonies which became the United States and her nearer neighbors. The institutions and culture contributed by Europe as well as those developed in North America are treated. The expansion of these stronger colonies and the international conflict for the control of the continent are stressed. Open to juniors and seniors. Not given in 1928-29. *Two hours a week, two semesters.*

13-14. RECENT AND CONTEMPORARY EUROPEAN PROBLEMS — Important problems are studied in sequence making clear the evolution of institutions and movements in the light of human experience. For qualified advanced students. Given in 1928-29 and alternate years. *Hours and credits to be arranged.*

15-16. RECENT AND CONTEMPORARY AMERICAN PROBLEMS — Fundamental problems of American development are investigated and discussed as phases of national progress. For qualified advanced students. Given in 1929-30 and alternate years. *Hours and credits to be arranged.*

19-20. AMERICAN DIPLOMACY — The evolution of the Foreign Relations of the United States is traced historically. The colonial and national periods are covered, the former serving as a prelude for the latter upon which the chief emphasis is placed. An attempt is made to present the role played by the United States in the family of nations and to show the ways in which this phase of her activity has reacted upon her national life. Open to juniors and seniors. Given in 1929-30 and alternate years. *Two hours a week, two semesters.*

21-22. HISTORY OF CIVILIZATION — The development of civilization from the beginning of our knowledge of man to the present day. A survey of human experience. Not given in 1928-29. *Three hours a week, two semesters.*

HOME ECONOMICS

AGNES R. KOUPAL, *Assistant Professor*

1. GENERAL HOME ECONOMICS — Home Architecture; Home Decoration; Business of the Household; Textiles. *Three hours a week, first semester.*

2. GENERAL HOME ECONOMICS — Food course giving general knowledge in the selection of food; balanced menus; table service. *Three hours a week, second semester.*

3. CHILD CARE — Problems pertaining to prenatal life and infancy with standards for normal growth and development. *Three hours a week, first semester.*

4. INTRODUCTION TO NUTRITION AND DIETARIES — The requirements of the body for energy, protein, mineral, vitamins are considered and diets planned to supply these requirements for the various ages and occupations. Rational dietary correction of under and over weight are included, and the general application of diet to health is emphasized. Prerequisite: One year of Chemistry. *One hour lecture, four hours' laboratory a week. Three hours credit, second semester.*

LATIN

WALTER RAY BRIDGMAN, *Professor*

The courses here given indicate somewhat the range of choice allowed, but often other authors may be substituted, and some of the courses, as 1-2, 7, 8, 9, will usually be offered only in alternate years. The order of these courses may be varied.

Additional courses in the Historians, Lucretius and Juvenal will be given on request or when required to make the major quota of 24 hours.

Additional hours to make 36 may be taken in Greek, or in English 35-36.

1-2. BEGINNING LATIN — Intended primarily for those who desire some familiarity with Latin and some training in this fundamental language rather than those who expect to continue its study. Given in 1929-30. *Five hours a week, two semesters.*

3-4. Designed primarily for those who have had two years of

MODERN LANGUAGES

FREDERICK C. L. VAN STEENDEREN, *Professor*
RONALD B. WILLIAMS, *Assistant Professor*

The major is based on French 1-2 (six hours). Essential courses: French 5, 6 and 13, 14; 3, 4; 7, 8 or 9, 10; and French 11, 12, or four hours from either Spanish 3, 4 or Italian 1-2. Total required: 24 hours.

Complementary courses to make up a total of 36 hours required for a major: English 5-6, 21-22 (with French or Spanish 3, 4); 9-10, 15-16, 17-18 (with French 11, 12); 17-18, 31-32 (with French 7, 8, 9, 10). German: 3, 4. Greek: any hours above the first six. History: 1-2, 7-8 (with Spanish 3, 4). Italian, 1-2. Latin: any literary course above A-B. Philosophy: 3-4, 5 and 6 (with French 11, 12). Psychology 3, 4. Spanish: any hours above the first six.

Course (French) 7, 8 alternates with 9, 10; 11, 12 with 13, 14. In 1928-29 French 9, 10; 13, 14; and German 1-2; 3, 4 will be given.

FRENCH

1-2. FIRST YEAR COURSE — This course consists of the study of grammar, composition, and the reading of modern French. Careful training in pronunciation is given. *Two sections. Three hours a week, two semesters.* Assistant Professor Williams.

3, 4. INTERMEDIATE FRENCH, READING — This course deals with short stories, poems, novels, and plays of the great poets and masters of fiction and drama in France during the more recent periods. *Two sections. Three hours a week, two semesters.* Professor van Steenderen.

5, 6. REVIEW GRAMMAR AND COMPOSITION — This is a course in review grammar, prose composition, and oral expression. It may be taken alone, or, more profitably, with 3, 4. While 3, 4 admits to courses 7, 8 and 9, 10, no student will be recommended by this department for a position as teacher of French who has not satisfactorily completed Course 5, 6. *One hour a week, two semesters.* Assistant Professor Williams.

7, 8. DRAMA — Special attention is given to Moliere and the development of comedy in connection with social characteristics. Class reading, reports, and lectures surveying French literature of the last three centuries. Prerequisite: courses 1-2 and 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

9, 10. THE NOVEL — A study of the novel in France in its various transformations, and its relation to movements of thought and historical environment. Class readings, reports, and lectures as above. *Two hours a week, two semesters.* Professor van Steenderen.

11, 12. HISTORY OF FRENCH LITERATURE — Teachers' Course. A general survey course, intended to impart familiarity with movements, schools of writing, biographic and bibliographic data. Prerequisite: French 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

13, 14. ADVANCED COMPOSITION — Teachers' Course. French conversation and writing on assigned topics. Pronunciation scientifically studied. Prerequisite: Courses 3, 4 and 5, 6. *Two hours a week, two semesters.* Professor van Steenderen.

GERMAN

1-2. FIRST YEAR COURSE — The aim of this course is to give the student a thorough training in the essentials of modern German. *Three hours a week, two semesters.* Professor van Steenderen.

3, 4. SECOND YEAR COURSE — Selections from the works of Sudermann, Keller, Scheffel, Freytag, and other modern authors will be read. *Three hours a week, two semesters.* Professor van Steenderen.

ITALIAN

1-2. FIRST YEAR COURSE — This course aims to cover the necessary grammatical ground rather quickly with a view to an early introduction in Italian literature. Not open to students who have no previous experience with foreign language, nor to freshmen. *Three hours a week, two semesters.* Professor van Steenderen.

SPANISH

1-2. FIRST YEAR COURSE — This course gives a fairly good reading knowledge of Spanish. The student is expected to acquire a thorough knowledge of the main facts of Spanish grammar and some ability in writing Spanish. *Three hours a week, two semesters.* Assistant Professor Williams.

3, 4. SECOND YEAR COURSE — Castilian authors will be read. Composition one day each week. *Three hours a week, two semesters.* Assistant Professor Williams.

preparatory Latin. May be withdrawn if less than five apply for it. Given in 1928-29. *Three hours a week, two semesters.*

5. OVID AND PLINY'S LETTERS — Selections. Readings and review of grammar. *Three hours a week, first semester.*

6. TERENCE AND PLAUTUS, THREE PLAYS — *Three hours a week, second semester.*

7. COMPOSITION, ORAL AND WRITTEN — *Two hours a week, first semester.*

8. LIVY AND TACITUS — *Two hours a week, second semester.*

9. HORACE — Odes, and selections from Satires and Epistles. *Three hours a week, first semester.*

10. Continuation of 5, and selections from Catullus, Tibullus, and Propertius. *Three hours a week, second semester.*

GREEK AND ROMAN MYTHOLOGY — See under Greek 8.

MATHEMATICS

HAROLD B. CURTIS, *Professor*
ROSCOE E. HARRIS, *Professor*
IRA D. MAC INTOSH, *Instructor*

Courses A and 2 or 1 and 2 constitute the required work in Mathematics and must be taken by all students during their freshman year. They are prerequisite for more advanced work in the department. All courses listed below, except course A, count toward a major in Mathematics. A major consists of 24 hours in Mathematics including Astronomy, plus 12 additional hours to make up a total of 36 which may be procured by taking any courses in Chemistry or Physics; Economics 9; and not more than six hours in Economics 3-4, and 17-18. Of the courses marked (*) not more than two will be offered during one semester.

A. ALGEBRA — (Second course) — For students who offer only one year of High School Algebra for entrance. *Three sections. Three hours a week, first semester.* Professor Curtis.

1. COLLEGE ALGEBRA — For students who offer one year and a half or more of High School Algebra for entrance. *Three hours a week, first semester.* Mr. Mac Intosh.

2. TRIGONOMETRY — *Five sections. Three hours a week, second semester.* Professor Curtis, Mr. Mac Intosh.

3. THEORY OF EQUATIONS — Prerequisite: Mathematics 1 and 2. *Three hours a week, first semester.* Professor Curtis.

5. ANALYTIC GEOMETRY — Open to those who have had College Algebra and Trigonometry in high school or college. *Three hours a week, first semester.* Professor Curtis.

6. ADVANCED ANALYTIC GEOMETRY — *Three hours a week, second semester.* Professor Curtis.

7, 8. DIFFERENTIAL AND INTEGRAL CALCULUS — For Students who intend to specialize in mathematics or who desire calculus for its application to other subjects. Prerequisite: Mathematics 5. *Three hours a week, two semesters.* Professor Curtis.

*10. DIFFERENTIAL EQUATIONS — A problem course with emphasis upon its applications. Open to those who have had calculus. *Three hours a week, second semester.*

*11, 12. PROJECTIVE GEOMETRY — An introductory course covering the elements of synthetic projective geometry, including the treatment of harmonic and anharmonic ratios, involution, poles and polars, etc. *Two hours a week, two semesters.*

13, 14. ANALYTICAL MECHANICS — Open to those who have had calculus. *Three hours a week, two semesters.* Professor Harris.

*15, 16. MODERN ANALYTIC GEOMETRY — *Two hours a week, two semesters.*

*17, 18. THEORY OF ANALYTIC FUNCTIONS — A treatment of the theory of functions of a complex variable with applications. *Three hours a week, two semesters.*

*19. DIFFERENTIAL GEOMETRY — A treatment of the geometry of curves and surfaces. *Three hours a week, first semester.*

*20. MATHEMATICS OF FINANCE — A course in the application of the laws of interest to accumulation, discount, annuities, amortization, bond yield and valuation, sinking funds, depreciation, life insurance, and other related topics. *Three hours a week, second semester.*

*21. STATISTICS — A course in interpretation of statistics, with reference to the theory of probability, expected deviations, measures of precision, probable error, and so forth. Open to students who have had a course in calculus. *Three hours a week, first semester.*

*24. SURVEYING — *Two hours a week, second semester.* Professor Harris.

LIBRARY — A small, but well selected, departmental library is kept in the class-room, so as to be available for immediate use.

5, 6. HISTORY OF SPANISH LITERATURE — A survey of the outstanding authors and schools of Spanish literature from its beginnings to the present generation of writers. *Two hours a week, two semesters.* Assistant Professor Williams.

MUSIC

CARLTON CUMMINGS, *Assistant Professor*

The student of music regularly receives credit toward the B.A. degree for the courses in theory of music as outlined below, and for courses in practical music, and he may make music his college major. A major requires 24 hours in music of which six may be in practical music, with twelve additional hours in complementary subjects or in music. Not more than 36 hours in music may be counted toward the B.A. degree, of which 27 must be in theoretical music. Whatever the number of hours in music counted toward a degree, three-fourths must be in theoretical music. Regular students in the college may receive academic credit, not to exceed four semester hours in all four years, for singing in the vested choir and college chorus. Given when there is sufficient demand:

1. HARMONY — Major and minor scales, intervals, notation, the formation of triads, chord connections; simple part writing from given basses and sopranos; playing cadences in all keys with given examples of chord progressions at the key-boards. The course includes sight-singing, as laboratory drill in ear-training. *Two hours a week, first semester.*

2. HARMONY — The dominant seventh chord in all inversions; secondary sevenths in their inversions; dominant ninths and simple modulations; and ear-training as laboratory drill. *Two hours a week, second semester.*

3-4. HARMONY — Altered chords, enharmonic changes; modulations to all keys with key-board drill; the study of non-harmonic material and development of motifs; the application of the acquired material to elementary composition and accompaniment figures. *Two hours a week; two semesters.*

5-6. COUNTERPOINT — Simple counterpoint in the five species in two and three parts. Simple counterpoint in five species in four parts and combination of these species. Double and triple counterpoint, counterpoint in more than four parts. Canon and free imitation on choral themes. *Two hours a week, two semesters.*

7-8. MUSICAL APPRECIATION — A course designed to interpret the master works in music to those who desire a fuller enjoyment of musical performance. While this course is open to the entire college, it is recommended to those who have had the history of music and at least one year of harmony. *One hour a week, two semesters.*

9-10. HISTORY OF MUSIC — The development of music is traced from primitive forms to that of modern times. The development of the classic and romantic schools, and the growth of opera and oratorio are studied. The lives of great composers including those of the present day are emphasized. An additional hour each week is given to illustrations and listening. *Two hours a week, two semesters.*

11. HARMONIC ANALYSIS — Principles of analysis and their application to triads, seventh chords, broken chords, reduction, modulation, non-harmonic tones, altered chords, passing chords, and the reduction of florid passages. *Two hours a week, first semester.*

12. MUSICAL FORM — Study of musical forms both by analysis and original exercises. Work extends from simple two and three part forms through sonata and rondo. *Two hours a week, second semester.*

13-14. COMPOSITION — The art of composition in the free style, beginning with the simpler periodic forms, instrumental and vocal, followed by more complex forms from song to sonata; means of harmonization and modulation. *Three hours a week, two semesters.*

15. INSTRUMENTATION — Sound vibration, acoustics, overtones, the tempered scale; all abbreviations and notations for score writing; instruments classified with reference to vibration and tone production, and each recognized in tone quality as well as individual characteristics. *Two hours a week, first semester.*

16. ORCHESTRATION — Further study of the orchestra and the individual instruments with exercises for transposing instruments and arrangements; each choir is used in separate composition and finally the full symphonic score is employed. *Two hours a week, second semester.*

PHILOSOPHY AND PSYCHOLOGY

STERLING P. WILLIAMS, *Professor*

To satisfy the major requirements in this department,

courses in the following subjects will be acceptable, as complementary: History, Biblical Literature, Sociology, Economics, Literature, if the major be in Philosophy, and courses in the Laboratory Sciences, if the major be in Psychology.

PSYCHOLOGY

1-2. GENERAL PSYCHOLOGY — A survey of the generally recognized facts, principles and problems of normal adult Psychology. Not open to freshmen. *Three hours a week, two semesters.*

3. GENETIC PSYCHOLOGY — A study of the evolution of behavior characteristics in animal life and in the human individual and race. Prerequisite: Psychology 1-2. Given in 1928-29 and alternate years. *Three hours a week, first semester.*

4. EXPERIMENTAL AND APPLIED — This course will afford an opportunity to pursue further by experimental and observational methods, problems suggested in courses 1-2. Also a study will be made of the application of psychological principles in various fields of practical interest such as law, medicine, advertising, and salesmanship. Prerequisite: Psychology 1-2. Given in 1929-30 and alternate years. *Three hours a week, second semester.*

6. MENTAL HYGIENE — A study of the various types of mental conflict which result in abnormal behavior. Also the various methods of readjustments will be studied. Prerequisite: Psychology 1-2. Given in alternate years. *Three hours a week, second semester.*

7-8. PSYCHOLOGICAL PROBLEMS — Properly qualified students among those majoring in Psychology will be given an opportunity to do research work on selected problems. Problems to be studied, class hours and credits to be arranged.

PHILOSOPHY

1. INTRODUCTION TO PHILOSOPHY — An introductory survey of the historic and present day problems and conceptions of Philosophy with a view of developing a method for controlling experiences in a constructive way. Open to juniors and seniors and to sophomores taking Psychology. *Three hours a week, first semester.*

2. ETHICS — A study of the moral life with special reference to its origins and development, and to the applications of moral principles to present day practical problems. Prerequisite: Psychology 1-2. Given in 1928-29 and alternate years. *Three hours a week, first semester.*

3-4. GREEK AND MODERN PHILOSOPHY — During the first semester, the course will be devoted to the study of the origins of philosophical conceptions among the Greeks. The modern period will be studied with special reference to the influences and developments which have made the modern mind. Open to juniors and seniors. Given in 1928-29 and alternate years. *Three hours a week, two semesters.*

6. LOGIC — This course seeks to give the student training in methods of logical thinking and to acquaint him with the common sources of fallacies. Open to juniors and seniors. *Three hours a week, second semester.*

8. AESTHETICS — A study of the principles of the beautiful in the various fields of art. Prerequisite: Psychology 1-2. Given 1928-29 and alternate years. *Three hours a week, second semester.*

10-11. PROBLEMS OF PHILOSOPHY — Properly qualified students who are majoring in Philosophy will be given an opportunity to do research work on selected problems. Problems to be studied, class hours and credits to be arranged.

PHYSICAL EDUCATION

FLOYD L. BROWN, *Director of Physical Education and Athletics*
MARY PENFIELD, *Director of Physical Education for Women*

The aim of this department is the education through physical means, of the mental, moral, social, and bodily powers. The work is based on physical and medical examinations made at the beginning of the student's college course and at stated periods thereafter. Personal attention and instruction are given to the students by the directors.

Permanent records of all examinations are kept for future consultation and advice. When defects are revealed by the medical examination, parents are advised of the physician's recommendation, but no treatments are given without the consent of the parents. For physical defects personal prescriptions of exercise are made and carried out in either class or individual corrective work. Students are excused from the physical training requirements only on recommendation of the examining physician.

Physical training in the gymnasium or out of doors, under the supervision of the directors, is required in the freshman and sophomore years of all men students, two hours a week for the whole of each semester, and of all women of the first three classes from the opening of college to June first, three hours a week for freshmen and sophomores and two hours a week for juniors. It is subject to the usual regulation regarding absences and quality of work. A one hour lecture course in

personal hygiene is required of all freshman women as one of their three hours. For this course in hygiene one hour of college credit is given.

The College authorities encourage sports on the athletic field in such amount and of such character as is compatible with the higher objects of the college.

For the purpose of encouraging and guiding the interests in athletics, the students of the college have an Athletic Association. The management of the athletic interests of the college is vested in a Board of Control, which consists of representatives of the faculty, students and alumni.

FOR MEN

Teams are organized in all branches of sport for inter-collegiate contests. A highly developed system of intra-mural athletics makes possible the organization of class and fraternity teams, and an All-Year All-'Round point system makes competition possible for every man in college.

When weather permits all work is conducted out of doors. During the indoor season the work consists of the latest forms of physical education with emphasis on group development rather than on perfection of individual performance.

Faithfulness in training and practice count for more in securing places on the College teams than individual brilliancy and natural ability.

For men who desire to teach after graduation, special work will be given that will cover the problems of coaching and directing interscholastic athletic activities.

FOR WOMEN

Gymnastics, field hockey, tennis, and interpretative dancing, swimming, basketball, baseball, track and volleyball are offered. Throughout the entire year matches in the various sports are held in accordance with the plan of the Women's Athletic Association, including a Field Day, swimming meet, indoor gymnastic meet, and interclass hockey, base ball and basket ball tournaments. The letters L. F. may be given any individual earning a prescribed number of points in athletics and W. A. A. activities. An outdoor dance drama or pageant may be presented in the spring. An individual cup or other award may be given to the winner of the tennis tournament.

PHYSICS

ROSCOE E. HARRIS, *Professor*

Students desiring to satisfy the science requirement in this subject should take Physics 1-2. This course is also prerequisite for all other courses in the Department except Physics 12. The major requirements include Physics 1-2 and Physics 3, and 11 hours elected from the other courses. Physics 1-2 and Physics 3 meet the requirements in this science in professional schools. Courses in the departments of Mathematics, Biology, Chemistry, Psychology and Economics will be accepted as complementary to the major requirements in this department.

1-2. GENERAL PHYSICS — The fundamental physical laws and their applications in mechanics, molecular physics, heat, light, sound, electricity and electronic physics are taught by lecture demonstration and individual work in the laboratory. Special stress is placed on the laboratory work. Three lectures and two laboratory periods a week. *Five hours a week, two semesters.*

3. MATHEMATICAL PHYSICS — This course consists in the solution of concrete, practical problems illustrating the fundamental laws studied in Physics 1-2. The problems have been selected with reference to the needs of students who are expecting to use Physics for scientific purposes, for teaching, or as a basis for engineering or medical work. *Three hours a week, first semester.*

4. KINETIC THEORY AND HEAT — The principles of mechanics are applied to the molecular phenomena exhibited in solids, liquids, and gases. Latent and specific heats, conductivity, expansion, viscosity, etc., are taught by lecture demonstration and recitation. *Three hours a week, second semester.*

5. RADIO INSTRUMENTS AND MEASUREMENTS — Measurements of resistance, inductance, and capacity of radio instruments are made, and the production of oscillating circuits by arc, spark, and thermionic vacuum tubes studied. Different types of receivers illustrating fundamental steps in development of modern radio reception are examined. A two hundred watt broadcasting unit is available for inspection and study. Demonstrations and recitations are occasionally substituted for individual laboratory work. Physics 1-2 is required as a prerequisite; Physics 3 should also accompany this course. Not given in 1928-29. *Two hours credit, first semester.*

6. OPTICAL MEASUREMENTS — A laboratory course in measurements of wave length, interference, polarization, and spectroscopy. Optical instruments — including the eye — their structure, errors and correction of errors are briefly studied. *Two hours credit. Two laboratory periods a week, second semseter.*

7-8. RECENT ADVANCEMENT IN PHYSICS — A course of lectures dealing with the electrical properties of gases, the electron theory, X-ray, radio-activity, the quantum theory and its application to atomic structure, spectroscopy, and photo-electricity. Given in 1927-28. *Three hours a week, two semesters.*

9-10. ELECTRICAL MEASUREMENTS — Use of accurate electrical measuring instruments in modern methods of measuring current strength, electromotive force, electrical power, inductance, impedence, and magnetization. Efficiency tests and characteristics of dynamos and transformers are made. Thermoelectricity, photo-electricity and high frequency phenomena are studied. Demonstration lectures and recitations are occasionally substituted for laboratory work. Given in 1927-28. *Two hours credit. Two laboratory periods a week, two semesters.*

11. HEAT — A laboratory course in measurements of heat, in molecular physics, and in radiation. Given in 1928-29. *Two hours credit. Two laboratory periods a week, first semester.*

12. SOUND — The course consists of lecture demonstrations and laboratory experiments in the study of wave motion and simple harmonic motion, resonance, interference, reflection and refraction of waves with special reference to sound. Basic principles of musical instruments. The physical basis of harmony. Studies of the ear and voice. Auditorium acoustics and photography of sound waves. Analysis of students' voices, voices of radio artists, and of musical instruments by projection upon the screen are made. Specially designed for students of the Department of Music. Not given in 1928-29. *Three hours a week, second semester.*

13-14. PROBLEMS IN PHYSICS — Special laboratory problems may be assigned to a few advanced students. Given upon demand. *Credit and hours to be arranged.*

POLITICAL SCIENCE

DAVID M. MAYNARD, *Professor*

The following courses count toward a major in Political Science: all courses listed in this department, and Economics 5-6 and 19-20. Additional hours to meet the major requirement may be taken in Economics 1-2, 8, 22, and 24, and in any courses in History.

1-2. AMERICAN GOVERNMENT — The purpose of this course is two-fold; first to give the student a general knowledge of the origin, structure, development and functioning of our national and state governments; secondly, using the facts of our own political organization as a starting point, to develop the basic principles of political science. The student is taught to view politics as a living process, intimately related to our daily lives, and close contact with current events is constantly maintained. Not open to freshmen. *Three hours a week, two semesters.*

3-4. INTERNATIONAL LAW. — The general principles governing the intercourse of nations in time of peace, and the rules applicable to belligerents and neutrals in time of war. The development of the idea of a jus gentium, nationalism and internationalism. The contribution of the United States to international law. Particular attention will be given to the Paris Conference of 1919; and the consequent changes in international practice, with the development of the League of Nations. Prerequisite: Political Science 1-2. Given 1926-27 and alternate years. *Three hours a week, two semesters.*

5-6. COMPARATIVE GOVERNMENT — An introductory study of the principle political forms and methods on a comparative basis. The Political Institutions of Important European States are examined the first semester, and Asiatic and other leading non-European States the second semester. Prerequisite: Political Science 1-2. Given 1928-29 and alternate years. *Three hours a week, two semesters.*

7. HISTORY OF POLITICAL THEORIES — The development of political thought from earliest times. Lectures, and readings in Plato, Aristotle, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Bentham, Austin and contemporary writers. The interdependence between political theory and political practice at different periods of the world's history is constantly emphasized, and wherever possible the applicability of the classical theories to modern problems is tested. Prerequisite: Political Science 1-2. Given in 1926-27 and alternate years. *Three hours a week, first semester.*

8. POLITICAL PARTIES — A study of the organization, and methods of action of political parties, emphasizing those in the United States. Discussion of the primary and conventions system, and the general functions of political parties in a democracy. Prequisite: Political Science 1-2. Given 1928-29 and alternate years. *Three hours a week, first semester.*

9. INTRODUCTION TO CONSTITUTIONAL LAW — An introductory study of the making and changing of constitutions, the function of the judiciary. Separation and delegation of powers of government, personal liberty, due process, police power, taxation, and eminent domain. Prerequisite: Political Science 1-2. Given 1928-29 and alternate years. *Three hours a week, first semester.*

10. INTERNATIONAL ORGANIZATION — A study of the history, organization and work of the Pan-American Union and the League of Nations. Organs and methods of International Co-operation. Prerequisite: Political Science 1-2 and either Political Science 3 or 5. Given 1928-29. *Three hours a week, second semester.*

RELIGION

BIBLICAL LITERATURE AND THE HISTORY OF RELIGION

HERBERT MCCOMB MOORE, *Professor*
KARL A. ROTH, *Assistant Professor*

Courses in the departments of Philosophy, Psychology, and Sociology will be accepted toward fulfilling the major requirement of 36 hours in this department.

1. INTRODUCTION TO THE STUDY OF THE BIBLE — This is an orientation course designed to give the student an historical approach to the literature of the Bible. The Oriental background to the Bible is studied at some length, and special attention is given to the question of the origin of the various literature of Old and New Testament, the significance of the Inter-Testamental period upon later religious thought, the problems of revelation and inspiration, and the process of collection, canonization and transmission of the Biblical literature. The chief aim of the course is to give the student an intelligent appreciation of the Bible and its place in modern life and thought. Open to freshmen and sophomores. *Three hours a week, first semester.*

2. LITERARY FORM AND CONTENT OF THE BIBLE — This course seeks to acquaint the student with the nature and content of the literature of the Bible, and lead him into an appreciative understanding of its religious value. The type of literature, the historic background, the authors' point of view and purpose, and the organization and literary structure of the various books will be studied. Enough reading in the Bible itself to make possible familiarity with the style and content of the various books will be required, and in some cases paraphrasing of the authors' message will constitute the basis of written work. Open to freshmen and sophomores who have had Religion 1. *Three hours a week, second semester.*

3. THE SOCIAL AND RELIGIOUS TEACHINGS OF THE OLD TESTAMENT PROPHETS — An historical study of the origin, nature and function of Hebrew prophecy, and of the prophetic literature of the Old Testament. The essential message of the outstanding Old Testament prophets will be studied in the light of the political, social and religious situation that constituted the historical setting of the prophets' time. The chief purpose of the course is to help the student gain an appreciative understanding of the abiding contribution of the Old Testament prophets to the religious and ethical thought and life of mankind. Open to sophomores, juniors and seniors. *Three hours a week, first semester.*

4. THE SOCIAL TEACHINGS OF JESUS — After a brief survey of some of the social institutions and of the social attitude or mind of the time, a study is made of the teachings of Jesus that have special bearing upon the social problems of his day, including the problems of Wealth, Labor, the Family, Religious Institutions, State and Citizenship, Non-resistance and War, Crime and Punishment, and the Kingdom of God. In each case an attempt is made to arrive at some critical evaluation and practical application of his teachings to our own times. Open to sophomores, juniors and seniors. *Three hours a week, second semester.*

5. THE RELIGIONS OF THE ANCIENT WORLD — After a brief study of the nature of religion and of the forms it assumed among primitive peoples, an historical and comparative study is made of the great faiths of the past that failed to survive, including especially the religions of Egypt, Babylonia, Assyria, Greece and Rome. Open to juniors and seniors. *Three hours a week, first semester.*

6. THE LIVING RELIGIONS OF THE WORLD — A brief historical and comparative study of the chief living religions of the world, noting in particular their main religious and ethical ideas, beliefs, practices and institutions. This study includes Hinduism, Jainism, Buddhism, Sikhism, Confusianism, Taoism, Shintoism, Zoroastianism, Judaism, Mohammedanism, and Christianity. Open to juniors and seniors. *Three hours a week, second semester.*

SPEECH

GARRETT H. LEVERTON, *Professor*
LUCILE CALVERT, *Assistant*
FRANCES THOMAS, *Assistant*

The major requirement in the Department of Speech may

be fulfilled by twenty-four hours selected to include the following courses: 1-2; 3-4; 7-8; and 9-10. The twelve complementary hours must include English 23-24 and Psychology 1-2. Remaining complementary hours may be selected from the departments of History, Economics and Political Science. Course 13-14 will be required of all major students who expect a recommendation to teach speech.

An additional statement of the work in Dramatics and Play Production will be found under "Student Organizations" on page 26.

1-2. FUNDAMENTALS OF SPEECH — An introductory study of the fundamentals of Public Speaking. The course aims to develop poise and ability to think on the platform. It studies methods of effectively projecting ideas to an audience through directness and proper control of the body. There is extensive drill in making outlines and developing skill in organizing ideas. Many short speeches required in class work. *Three hours a week, two semesters.*

3-4. PUBLIC ADDRESS — A course in advanced extempore speaking dealing with the following specific types of public address: the eulogy, the commemoration and dedication speech, the speech of introduction, welcome, acceptance, the after-dinner speech, the political speech, and the college oration. Collateral reading of models. The student will prepare and deliver each type of address. Prerequisite: Speech 1-2. *Three hours a week, two semesters.*

5-6. INTERPRETATIVE READING — A study of the fundamentals of interpretation — tone production, breath control, and correct enunciation and articulation. Aims to give the student the mental and vocal technique required to interpret different literary forms. *Two hours a week, two semesters.*

7-8. ARGUMENTATION AND DEBATE — A study of the principles governing formal and informal argument. Training in analysis of public questions, in brief-making, in strategic organization of arguments, and in effective rebuttal. A study of the forms of reasoning. Much training in detecting and classifying fallacies. This course prepares students to participate in intercollegiate debating. Prerequisite: Speech 1-2. *Three hours a week, two semesters.*

9-10. STAGECRAFT — A laboratory course in the fundamentals of play production. Includes a study of characteristics of a good play; a short history of the evolution of the theatre; and a survey of the plays and personnel of the present day theatre. Laboratory work in make-up, scene construction, and experimental stage lighting. Lectures and readings on scene design and costuming. Assigned readings on the theory and technique of stagecraft. Collateral reading of many plays suitable for amateur production. Assigned projects in all branches of play production. *Two hours a week, two semesters.*

11-12. PLAY DIRECTING — An advanced course for students interested in the theatre, or for those interested in preparing themselves to do some sort of dramatic work in high schools, colleges, or little theatres. A study of the various types of plays; methods of casting; types of rehearsals; an examination of the various methods of directing plays; a study of atmosphere, acting technique, grouping, tempo, and climax. A thorough study of present day tendencies in the drama. Much collateral reading in all branches of dramatic production. Each student required to direct and produce a full length play. *Two hours a week, two semesters.*

13-14. THE TEACHING OF SPEECH — Lectures, reports, and much collateral reading on the various systems of Speech Training. A study of the advantages and disadvantages of each system together with methods of applying the principles of the various systems to the particular needs of individual students. A study of the methods of conducting extempore speaking contests, of coaching debates, and of presenting plays. A study of the building of the speech curriculum in high schools and grade schools together with the content of the various courses included in such curriculums. *Two hours a week, two semesters.*

DEGREES CONFERRED
at the ANNUAL COMMENCEMENT
June, 1927

BACHELOR OF ARTS

*Altenburg, Francis Werner ..... Hazel Green, Wis.
English

Bachman, Nettie Victoria ..... Paullina, Iowa
English

Barlow, Esther Aletta ..... Chicago
English

Britton, Kenneth Moral ..... River Forest
Economics

Calvert, Leona Lucile ..... Muncie, Ind.
Speech

Collins, Ervin Abbott ..... Fort Sheridan
History

Darrow, Helen Laura ..... Waukegan
Mathematics

Gekas, Alexander Constantine ..... Chicago
History

Harris, Muriel Jean ..... Oak Park
English and Psychology

Held, Catherine Marjorie ..... Lake Forest
English

Herron, Arthur James ..... Du Bois, Penn.
Economics

Holmgren, Ephraim Theodore ..... St. Paul, Minn.
Economics

Johnson, John Alfred ..... Batavia
Chemistry

Klein, Virginia Carleton ..... Winnetka
Biology

Landphere, Marjorie Randall ..... Oak Park
Speech

*As of the class of 1925.

LeRoi, Earl Joseph ..... Zion City
Chemistry
Losey, Hadley Vincent ..... Savanna
Romance Languages
Morse, Katherine Marie ..... Libertyville
English
Nissen, Alice Elizabeth ..... Chicago
English and Psychology
Parcells, Frank Ellis, Jr. ..... Lake Forest
English
Reinier, Glenn H. ..... Ottumwa, Iowa
Chemistry
Roberts, Ruth Virginia ..... Chicago
English
Robinson, Elizabeth Adams ..... Oregon
English
Shipp, Harold Hayne ..... Pittsburgh, Penn.
Speech
Smith, Mary Alice ..... Aurora
Psychology
Smock, Elizabeth Jean ..... Libertyville
English
Wallenborn, Robert Erwin ..... Chicago
Greek and Latin
Welge, Walter Ernest ..... Evanston
Economics

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Blair, Hugh William ..... Elgin
Kelly, Anthony, Jr. ..... Noblesville, Ind.
Koster, John Edward ..... Little Rock, Iowa
Olson, Paul Clifford ..... Highland Park
Smith, Spencer Delavan ..... Stillwater, Minn.

HONORARY DEGREES

Doctor of Laws
John Timothy Stone

Master of Arts
Eloise R. Tremain

HONORS *for* 1927

MACPHERSON PRIZE

Philosophy
Alice Elizabeth Nissen

SHIELD HONORS

Leona Lucile Calvert
Muriel Jean Harris
Alice Elizabeth Nissen
Elizabeth Jean Smock

DEPARTMENT HONORS

Earl Joseph LeRoi ..... Chemistry
Hugh William Blair ..... Economics
Catherine Marjorie Held ..... Education
Elizabeth Jean Smock ..... Education
Muriel Jean Harris ..... English
Alice Elizabeth Nissen ..... English
Muriel Jean Harris ..... Psychology
Alice Elizabeth Nissen ..... Psychology
Leona Lucile Calvert ..... Speech

CLASS HONORS

Class of 1927

Hugh William Blair
Leona Lucile Calvert
Helen Laura Darrow
Muriel Jean Harris
Earl Joseph Le Roi
Alice Elizabeth Nissen
Jean Elizabeth Smock

Class of 1928

Edwin Neltnor Asmann
Arnold William Carlson
Donald LeRoy Fulton
Fred Genschmer
Myrtle Hubbard
Eleanor Louise Linnell
Tsuneko Omata
Lambert Orton
Marie Louise Woelfel
Mildred Margaret Wood

Class of 1929

Henry Claire Andrews
Willard Smith Crandall
Mahala Duke
Reuben G. Englund
Harry Ross Fawcett
Beatrice Krantz
Eino Jacob Macklin
Oliver Lloyd Onion
Harold Lewis Pierson
Peter Presta
Robert Eugene Pugh, Jr.
Lester Rollo Stang

Class of 1930

Clarence Francis Anglese
Dale Ashton
Margaret Mary Bund
Minola Mae Burr
Elinor Elizabeth Corcoran
Oliver Corrin
Maud Marian Haller
Julia Katherine Ipsen
Eugenia Jones
Joseph Kaufer
John Byron Kirby
Harold Moore
Giggina Mary Pietrangeli
Roy Victor Squires, Jr.
Ellen Mae Whyte

REGISTER *of* STUDENTS

GRADUATE STUDENTS

Orton, Esther Hunstad ..... Ortley, South Dakota
A.B. Lake Forest 1926

Thompson, Milton Gilbert ..... Waukegan
A.B. Lake Forest 1925

SENIORS

Eighty-nine semester hours or more

Asmann, Edwin Neltnor ..... West Chicago
Bjorklund, Carl Raymond ..... St. Paul, Minnesota
Carlson, Arnold William ..... Lake Forest
Carswell, Alexandra ..... Evanston
Dickson, Neal Douglas ..... Waukegan
Easton, Donald Parsons ..... Deerfield
Elmore, Marjorie L. ..... Delavan
Esser, Bernice ..... Aurora
Fincutter, Marie Gertrude ..... Libertyville
Flancher, Howard ..... Iron River, Michigan
Foster, Hunter ..... Lake Bluff
Fulton, Donald LeRoy ..... Waukegan
Genschmer, Fred ..... Kenosha, Wisconsin
Hadley, James McCarthy ..... Chicago
Hubbard, Myrtle ..... Libertyville
Kelly, Robert Morrison ..... Wuhu, China
Kirby, Abel Gilbert ..... Marysville, Ohio
Kyalla, Phineas ..... Lake Bluff
Langdon, Veneta ..... Wilmette
Lathrop, Donald Charles ..... Chicago
Lawrence, Grace ..... Chicago
Lee, Chunn Y. ..... Innai, Korea
Linnell, Eleanor Louise ..... Oak Park
Lloyd, Lewis Burson ..... Canton
Martin, Ruth ..... Chicago Heights
Orton, Lambert ..... Ortley, South Dakota
Palmer, Laurence Malmgren ..... Canton
Reuse, Mary Eileen ..... Libertyville

Roe, John Benjamin ..... Oregon
Schroder, Lillian Madeline ..... Lake Forest
Sherwood, Elizabeth Ellen ..... Chicago
Snook, Harvey Milton ..... Santa Barbara, California
Stuessy, Haydn ..... Chicago
Swanton, Milton Wesley ..... Lake Forest
Thomas, Robert Walsh ..... Joliet
Timmons, Margaret Dick ..... Valparaiso, Indiana
van Steenderen, Dorothy Evelyn ..... Lake Forest
Washburn, Marjory A. ..... Grays Lake
Wilson, Gilbert Archibald James ..... Chicago
Woelfel, Marie Louise ..... Morris
Wood, Mildred Margaret ..... Lake Bluff

Seniors, 41

JUNIORS

Fifty-nine to eighty-eight semester hours

Allen, Philip Clayton ..... Canton
Andrews, Henry Claire ..... Rockford
Atterbery, Crellis ..... Waukegan
Baird, John Foster ..... Wilkinsburg, Pennsylvania
Biggs, Martha Lydia ..... Mandan, North Dakota
Brady, Vivian Ann ..... Ottumwa, Iowa
Carey, Clifford Marion ..... Waukegan
Chunn, Frederick Colton ..... Chicago
Crandall, Willard Smith ..... Kenilworth
DeHerder, William Elmer ..... Oak Park
Duke, Mahala Belle ..... Dalhart, Texas
Dunning, Ruth Azalea ..... Chicago
Englund, Reuben Geoffrey ..... Minneapolis, Minnesota
Enos, Robert Davis ..... Chicago
Farnum, Willard P. ..... Mankato, Minnesota
Faull, Lois Harriet ..... Bessemer, Alabama
Fawcett, Harry Ross ..... Kokomo, Indiana
Frost, Lyle Pierault ..... Morrison
Fuessley, Elizabeth ..... Lake Bluff
Gillen, Gladys Eltha ..... Ravinia
Graham, James Gordon ..... Chicago
Hampton, Wade Langdon ..... Rhinelander, Wisconsin
Hanna, Anna ..... Rhinelander, Wisconsin
Hodge, Harriet Estelle ..... Mundelein

Holway, Chester Perry ..... Hammond, Indiana
Huizenga, John Franklin ..... Rock Valley, Iowa
Jackson, Richard Anderson ..... Chicago
Joor, William Groendyke ..... New York, N. Y.
Kepler, Kenneth Kline ..... Evanston
Kerry, John Robert ..... Grays Lake
King, Thomas Caldicott, Jr. ..... Glencoe
Krantz, Beatrice ..... Oak Park
Langdon, Donald Amos ..... Morrison
Lombard, Harriet Eleanor ..... Chicago
Lundquist, Curt Wallace ..... Mankato, Minnesota
Macklin, Eino Jacob ..... Waukegan
Mitchell, William Russell ..... Waukegan
Montgomery, Leo C. ..... Waukegan
Myers, Edwin ..... Fort Scott, Kansas
Olson, Herman Orlon ..... Wausau, Wisconsin
Omata, Tsuneko ..... Lake Forest
Onion, Oliver Lloyd ..... Lewiston
Perry, Rosa Glover ..... Bessemer, Alabama
Peter, Arline Dell ..... Algonquin
Pierson, Harold Lewis ..... Erie
Pratt, Chester Arthur ..... Rockford
Pugh, Robert Eugene, Jr. ..... Lake Forest
Rastetter, Helen Elizabeth ..... Fort Wayne, Indiana
Roche, Mildred Drusilla ..... Evanston
Roskie, Anthony ..... Rockford
Sawyer, Lloyd Glen ..... Fisher
Skean, Orrin Wagner ..... Avon
Smith, Orvis Brayton ..... Wausau, Wisconsin
Stang, Lester Rollo ..... Waukegan
Swan, Hobart Wright ..... Libertyville
Swanson, Raymond Arthur ..... Blue Island
Thorpe, Charles Converse ..... Eagle River, Wisconsin
Vercoe, Elnore Jane ..... Lake Forest
Vercoe, Jane Elnore ..... Lake Forest
Willett, Eleanore Mary ..... Great Lakes
Williams, Stephen A. ..... Evanston

Juniors, 61

SOPHOMORES

Anglese, Clarence Francis ..... Morrison

Ashton, Dale ..... Rhinelander, Wisconsin
Atteridge, Thomas Melville, Jr. ..... Lake Forest
Barnes, Muriel Ethel ..... Chicago
Bedrosian, John Der ..... Waukegan
Beelman, Dorothy ..... Mansfield, Ohio
Bennewitz, Hedwig Wilhelmina ..... Milwaukee, Wisconsin
Bereman, Robert Tilghman ..... Aurora
Bergen, Grace Updegraf ..... Minneapolis, Minnesota
Bradfield, Franklin Seward ..... Detroit, Michigan
Brennan, Gertrude Helene ..... Chicago
Browne, Hamilton ..... Evanston
Brush, John Sivey ..... Slatington, Pennsylvania
Bulow, Edwin Laurence ..... Clinton, Iowa
Bund, Margaret Mary ..... Evanston
Burk, John ..... Chicago
Burr, Minola Mae ..... St. Joseph, Michigan
Cain, Harvey Swennes ..... Lake Forest
Cole, Grayce Claire ..... Chicago
Cook, Laurence Miller ..... Bellefontaine, Ohio
Corcoran, Elinor Elizabeth ..... Libertyville
Corrin, Oliver ..... Lake Forest
Cox, Mary Mee ..... Hammond, Indiana
Croft, Edith Grace ..... Muncie, Indiana
Davies, Catherine Virginia ..... Maywood
Davis, Catherine Estelle ..... Sheridan, Wyoming
Davis, Helen L. ..... Waukegan
De Lay, Harold Gordon ..... Winnetka
Ditto, Samuel James ..... Rockford
Edlund, Fay Nelson ..... Morrison
Ekstrand, Dorothy ..... Waukegan
Ferner, Herbert Lincoln ..... Chicago
Forsyth, William Thompson ..... Milwaukee, Wisconsin
Gibbons, Alice Catherine ..... Highland Park
Gilleland, Frank Wallace ..... Sewickley, Pennsylvania
Groner, Robert Wilson ..... Libertyville
Hagerman, George Washington ..... Rockford
Haller, Maude Marion ..... Downers Grove
Hanna, Nanelie Mae ..... Evanston
Haye, Frederick Homer, Jr. ..... Rockford
Hernly, Harold Granville ..... Chicago
Hollowell, George Stewart ..... Fort Madison, Iowa
Ipsen, Julia Katherine ..... La Grange

Johannes, Kenneth Philip ..... Lugerville, Wisconsin
Johnson, Anne Elizabeth ..... Deerfield
Jones, Eugenia ..... Wilmette
Kaufer, Joseph ..... Waukegan
Kessler, Richard Adolph ..... River Forest
Kirby, James Galloway ..... Marysville, Ohio
Kirby, John Byron ..... Marysville, Ohio
Knox, Ruth Grace ..... Libertyville
Lane, Virginia Azalea ..... Gibson City
Lawrence, Thomas Barnett, Jr. ..... Chicago
Leadbetter, Merton King ..... Rhinelander, Wisconsin
Lyddon, Harry Malcomb ..... Brainerd, Minnesota
Martin, Thomas Nathan Hillis ..... Highland Park
Mayer, Peter Bernard ..... Forest Park
Mitchell, James Marion ..... Chicago
Moore, Harold W. ..... Ashton
Morrow, Clarence Harcourt ..... Spiceland, Indiana
Myers, Alice Elizabeth ..... Sugar Grove
McCall, Kenneth James ..... Savanna
McCullough, Dorothy Avis ..... Gurnee
Negley, Lowell Maynard ..... Canton
Olson, Andrew Bernard ..... Wausau, Wisconsin
Olson, Glenn Kenneth ..... Morrison
Panushka, John Barker ..... Wilmette
Paris, Maurice ..... Chicago
Parsons, Helen Elizabeth ..... Richmond
Pearce, Stewart Albert ..... Carmi
Petersen, Edward Alfred ..... Lake Forest
Pietrangeli, Giggina Mary ..... Kenosha, Wisconsin
Poorman, Robert James ..... Muncie, Indiana
Presta, Peter ..... Kenosha, Wisconsin
Priest, John Sylvester ..... New Hartford, Connecticut
Propper, Mabel Eva ..... Dolton
Quayle, Frederick Richard, Jr. ..... Wilmette
Ratcliffe, Robert Lewis ..... Evanston
Ridgway, Helen Hoge, Jr. ..... Freeport
Roberts, Frederick George, Jr. ..... Chicago
Roberts, Georgia Edwina ..... Highland Park
Rogers, George Bartlett ..... Lake Forest
Rostkowski, Chester Bernard ..... Maywood
Rowe, Ray M. ..... Newton, Kansas
Roy, Muriel Verne ..... Evanston

Rubens, Katherine Caroline ..... Highland Park
Rumsey, David Lake ..... Winnetka
Russell, Helen Ruth ..... Mundelein
Seeger, Deane Martius ..... Brainerd, Minnesota
Spellman, Robert William ..... Lake Forest
Spencer, Catherine Ann ..... Tulsa, Oklahoma
Spencer, Richard Marshall ..... Glencoe
Spoerer, Agnes Carolyn Elizabeth ..... Chicago
Squires, Roy Victor, Jr. ..... Chicago
Stendahl, Esther C. ..... Chicago
Strauch, Ernest Carl ..... Cicero
Swenkerud, Elizabeth Olga ..... Chicago
Swigart, Estelle ..... Wilmette
Tasche, Gladys Amanda ..... Sheboygan, Wisconsin
Thomas, Scott Adelbert ..... Springfield
Travis, William B. ..... Tarkio, Missouri
Van Page, Margaret ..... La Grange
Weber, George Dexter ..... Chicago
Weeden, Harriet Ardelle ..... Sheboygan, Wisconsin
Whyte, Ellen Mae ..... Milwaukee, Wisconsin
Wilkins, Lyle Alan ..... St. Anne
Williams, Guy Franklin ..... Newton, Kansas

Sophomores, 107

FRESHMEN

Ablahat, Rhoda Bertha ..... Chicago
Adams, Ruth Catherine ..... Milwaukee, Wisconsin
Aitken, Janet A. ..... Milwaukee, Wisconsin
Andersen, Charles Milton ..... Chicago
Anderson, Philip Elton ..... Newton, Kansas
Anselm, Ruth Evelyn ..... Lake Bluff
Ashton, Dorothy Jane ..... Rhinelander, Wisconsin
Babbitt, Ruth E. ..... South Bend, Indiana
Bachman, Edward ..... Rockwell City, Iowa
Bacon, Dean Willis ..... Waukegan
Barnes, Grant Jerome ..... Chicago
Becker, Henry C. ..... Chicago
Benfey, Theodore, Jr. ..... Sheboygan, Wisconsin
Benz, Christ ..... Lake Bluff
Berglund, Myrtle Olivia ..... Waukegan
Billings, William Gaither ..... Asheville, North Carolina

Block, Herbert Lawrence ..... Winnetka
Brown, Francis Henry ..... Evanston
Burk, Martin ..... Chicago
Calcagno, August ..... Forest Park
Carey, Wesley Gordon ..... Zion
Carroll, Irving Peter ..... Chicago
Carter, Donald Charles ..... Wakefield, Rhode Island
Coppins, Lois Delight ..... Dixon
Criddle, Robert James ..... Freeport
Cutler, Florence Treasure ..... Chicago
Dana, Ruth ..... Dixon
Davison, John Frederick ..... Rock Falls
Dean, Harold S. ..... Ottawa
Dennis, Lalan Louise ..... Wabash, Indiana
Diefenthaler, Collin Lawrence ..... Freeport
Dixon, LaVerne Allen ..... Gurnee
Donohue, Charles Norbert ..... Waukegan
Dueth, Louise Crane ..... Chicago
Dueth, Pauline Crane ..... Chicago
Duffell, Helen ..... Chicago
Encell, Rosalie Claire ..... Chicago
Erwin, Charlotte Roswell ..... Kenilworth
Feeser, Yolande Maxine ..... Canton
Ferguson, Jesse Lemoine ..... Wabash, Indiana
Ferren, Carol Jessie ..... Chicago
Ferzacca, Faust Louis ..... Iron Mountain, Michigan
Fitz Patrick, Sheilo ..... Evanston
Foerster, Joseph, Jr. ..... Kenilworth
Fordham, Harry Leon ..... Chicago
Forgus, Richmonde Lucas ..... Great Lakes
Frost, Melvin Herbert ..... Morrison
Furlong, Laurence Daniel ..... Chicago
Gable, Katherine Louise ..... Freeport
Galloway, Arthur Webb ..... Marysville, Ohio
Garner, Harriet Diana ..... Wilmette
Geist, George Frederick ..... Chicago
Geist, Grace Teckla ..... Chicago
Geminer, Louis Dithmar ..... Highland Park
Gibbs, Elizabeth Anne ..... Lake Forest
Gold, Gerald ..... Waukegan
Graham, Anna Marie ..... Libertyville
Groner, Gladys Emma ..... Libertyville

Groner, Grace Elizabeth ..... Libertyville
Hall, William Mason ..... Glen Ellyn
Hannagan, Charles Richard ..... Blue Island
Hastings, C. Fred ..... Muncie, Indiana
Haugh, John Harms ..... Clinton, Iowa
Hawkins, Lysle DeNiere ..... Santa Barbara, California
Hayes, Joseph Anthony ..... Brimfield
Heath, Gordon Coleman ..... Chicago
Heitman, Virginia Cecile ..... Wilmette
Horan, Catherine Donieve ..... Lake Forest
Huck, Donald White ..... Chicago
Hunt, George Chandler ..... Chicago
Johnson, Walter Edward ..... Lake Forest
Johnston, Louise ..... Sioux City, Iowa
Joyce, William Holden ..... Lake Bluff
Keath, Gordon Coleman ..... Chicago
Kelly, Ruth Elinore ..... Gurnee
Kerry, Charles Frederick ..... Grays Lake
Knoeppel, Carolyn Flora ..... Chicago
Komar, John Andrew ..... Chicago
Krauss, Marion Esther ..... Chicago
Kuharske, Edward Cleveland ..... Lake Bluff
Kulle, David Carlton ..... Waukegan
Kunz, William Theodore ..... Chicago
Kupst, George Eugene ..... Waukegan
Lahmeyer, Robert Henry ..... Fort Wayne, Indiana
Lambrecht, Carl Theodore ..... Chicago
Lincke, Lester Walter ..... Chicago
Lincoln, Benjamin ..... Milwaukee, Wisconsin
Love, Maurine Elizabeth ..... Ithaca, New York
Macknick, Frank James ..... North Chicago
Marshall, Mildred Alice ..... Sycamore
Masonic, Irene ..... Lake Bluff
Moore, Mary Lavina ..... Elgin
Muir, Blythe David ..... Zion
MacIntosh, Doris ..... Lake Forest
McBride, Alice Jeanette ..... Knoxville
McDonough, Robert Lee, Jr. ..... Waukegan
McKernan, Philip James ..... Crystal Falls, Michigan
Neltnor, Mary Elizabeth ..... West Chicago
Newton, Joseph Robinson, Jr. ..... Chicago
Nickel, Robert Christian ..... Waukegan

Nissen, Dorothy Irene ..... Chicago
Olson, Evelyn Elizabeth ..... Lake Forest
Opdycke, Lorenzo ..... Lake Forest
Orth, Charles Conrad ..... Detroit, Michigan
Page, Millicent Chase ..... Evanston
Parker, Carl DeVer ..... Rochester, Indiana
Perkins, August Cholet ..... Oak Park
Peterson, Elmer Victor ..... Brainerd, Minnesota
Pezdir, Frank ..... North Chicago
Pierce, Anthony Silas ..... Waukegan
Pojunas, Thomas Anthony ..... Waukegan
Powell, Alice R. ..... Dixon
Price, John Lyle, Jr. ..... Waukegan
Putz, Russell Henry ..... Brainerd, Minnesota
Randall, Ruth Louise ..... Wilmette
Reckzeh, Adair ..... Chicago
Ridgway, Marian Mace ..... Freeport
Robinson, Olive Lione ..... Oregon
Rogers, Donald DeWitt ..... Oshtemo, Michigan
Rohlfing, Marian Henrietta ..... Downers Grove
Rondeaux, Willard Francis ..... Waukegan
Rose, Meyer Michael ..... North Chicago
Ross, Betsy Virginia ..... Kalamazoo, Michigan
Runyan, Evelyn Ruth ..... Forest Park
Sayler, Dayle ..... Waukegan
Schulz, Albert ..... Chicago
Schwarztrauber, Evelyn Mae ..... Zion
Scull, Aurelia Herbertina ..... Chicago
Shudoma, Frank ..... Lake Forest
Skoug, William C. ..... Sioux Falls, South Dakota
Smart, Edgar James ..... Canton
Smigoski, Frances Helen ..... Highland Park
Smith, Howard Guy ..... La Grange
Smith, Mary Nowell ..... River Forest
Smith, Theodore R. ..... Evanston
Sommerin, Marian Lucille ..... Waukegan
Staehelin, Dorothy Marie ..... Glencoe
Steele, Charles G. ..... Rhinelander, Wisconsin
Stonehouse, Margaret Ede ..... Oak Park
Storms, Mary Louise ..... Fort Madison, Iowa
Stracke, Winfred John ..... Chicago
Stromberg, Joseph Stanley ..... Chicago

Taylor, Sidney Alfred Gilbert ..... Chicago
Thorpe, John Lincoln ..... Lake Forest
Tibbals, Mary Adeline ..... Winnetka
Tinker, Alfred Bates ..... Ithaca, New York
Tobias, Thomas McIlvaine ..... Peoria
Truesdale, Lois ..... Winnetka
Turgrimson, Charles Daneck ..... Chicago
Van Berschot, Arthur Le Roy ..... Chicago
Warren, John Calvin, Jr. ..... Chicago
Weathers, Clarence Calhoun ..... Evanston
Weigelt, Robert ..... Lake Forest
Westwood, Walter ..... Streator
Wheelon, Margaret Genevieve ..... Minot, North Dakota
White, Stephen ..... Hutchinson, Minnesota
Wilcox, Dorothy Mae ..... Rhinelander, Wisconsin
Wilkins, Dorothy Margaret ..... Lake Forest
Williams, Miriam Caffrey ..... Houtzdale, Pennsylvania
Wilson, Donald Ambrose ..... Lake Forest
Wyman, Elsie Grace ..... Lake Forest
Youger, Muriel Joann ..... Evanston
Zechiel, Donald Walter ..... Culver, Indiana

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Chittenden, Loker ..... Glencoe
Cummings, Theresa Height ..... Lake Forest
Greist, Charlotte ..... Lake Forest
Hunter, Mildred N. ..... Lake Bluff
Johnson, Beda Edith ..... Hogstaet, Sweden
Kelly, Peter, Jr. ..... Lake Forest
MacIntosh, Ira D. ..... Lake Forest
Monahan, Lauralea ..... Highland Park
Nelson, Clarence August ..... Evanston
Strang, Elizabeth Ruth ..... Waukegan
Stickley, Elizabeth M. ..... Lake Forest
Williams, Harry M. ..... Muncie, Indiana

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LAKE FOREST
ILLINOIS